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Lancaster Farming

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Dairymen Face Declining Prices

By Karl Berger
Special Correspondent

FREDERICK, MD—There probably aren't enough depressing adjectives in the dictionary to describe what has happened to the dairy industry's bellwether price, the Minnesota-Wisconsin manufacturing milk price.

The M-W, as it's almost universally known, dropped a record $2.02 in October, to $10.48 a hundredweight for milk containing 3.5 percent butterfat. Because the U.S. Department of Agriculture uses the M-W to set prices in the federal order system, the decline means sharply lower prices for dairymen as they enter 1991.

In Federal Order 4, for instance, the Middle Atlantic order, Class I milk sold for fluid use will be just $13.51 in December, a whopping $3.39 less than last December and the lowest Class I price since August 1988. In Federal Order 2, the New York-New Jersey order, the December Class I price will be $13.03.

What a difference a year can make. Just last fall, dairymen were riding the crest of an unprecedented upswing in milk prices that wound up setting several records of the positive variety. Now, industry leaders are gloomy. They fear further declines are imminent.

"The M-W could well hit a 12-year low by this December, bringing milk prices down to the support level at least through the 1991 spring flush," said Jim Barr, chief executive officer of the National Milk Producers Federation. The M-W is currently set at $9.90 for 3.5-percent milk ($10.10

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Since Kristin Metzker took over the Pennsylvania Dairy Princess title, she hasn't had much time to work on the the family's 110-acre Cove Valley Farm in Blair County. Read about Kristin's life at home, work, and school on page B20.

Grassland Council Sponsors Forage Conference With Penn State

GAIL STROCK
Mifflin Co. Correspondent

BOALSBURG (Centre Co.) — The Pennsylvania Forage and Grassland Council, in cooperation and sponsorship with PSU College of Agriculture, held its 30th annual forage conference this week at the Elks Club in Boalsburg. The purpose of this year's conference, "Why Forages in the 1990s", is, according to Dr. Marvin Hall, PSU's Extension forage specialist, "to look ahead to the role of forages in this decade. What will be the economics of forage production? Will dairy cows move from the barn to pastures? Should some enterprises emphasize silage production over hay production? Would some animal production systems be better off buying their forage? These are questions that we ask ourselves as we think about the future of forage agriculture."

The PA Forage and Grassland Council membership ($5) is open to anyone having an interest in forages or grassland agriculture. Members automatically become members of the American Forage and Grassland Council who, in March of 1994, will be holding their national conference in Lancaster.

In keeping with the PA Forage and Grassland Council's motto, "Industry, Farmer, Scientist - Working together toward a sounder grassland program", the members of the PA Forage and Grassland Council elected three directors to serve three year terms on the board.

Elected to represent industry was Mike Galbraith, Roaring Spring. Galbraith received his B.S. in animal/dairy science from Ohio State in 1967. Mike is the specialty productions manager for hay and silage stabilizers, hay drying agents, application equipment and moisture testers for Young's, Inc.

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Kiwanis Sponsor Capon Club

Dwight Kreiser, age 15, right, had the champion capons of the Lancaster County 4-H Roundup, held Tuesday just prior to the Kiwanis Club dinner meeting. Dwight is the son of Gene and Joanne Kreiser, Manheim. The winning birds each weighed 11 3/4 lbs.

Andy Rohrer, age 11, had the reserve champion capons with his two entries that weighed 12 1/4 and 12 1/2 lbs. Andy is the son of Nelson and Rose Rohrer, Lititz. The Lancaster Kiwanis Club sponsors the event and provides the class and record book awards. Both Gene Kreiser, club leader and Jay Irwin, county agent agreed the Kiwanis Club has been a fantastic supporter of the Capon Club over the years. John Swartz, multi-county poulty extension specialist, was the judge.

Six Century Farms Awarded At Lancaster Ag-Industry Banquet

VERNON ACHENBACH JR.
Lancaster Farming Staff

WILLOW STREET (Lancaster Co.) — Six couples who own Lancaster County farms were recognized Tuesday by county officials because the farms have remained within the couples' respective family tree for more than 100 years.

The awards were made during the 14th annual Agriculture Industry Banquet held at the Willow Valley Resort and Conference Center. The event is organized by the Agriculture Committee of the Lancaster Chamber of Commerce and Industry to recognize community leaders in agribusiness and agriculture

In addition to the Century Farm Awards, officials named Max Smith, former county extension agent, the recipient of the 1990 George C. Delp Award. The annual Delp award, in its second year, is presented to the person who has best promoted Lancaster County agribusiness.

The banquet also featured speaker William O'Conner Jr., who is deputy minority staff direc-

(Turn to Page A19)

Max Smith, former county extension agent, is named the recipient of the 1990 George C. Delp Award. The annual Delp award, in its second year, is presented to the person who has best promoted Lancaster County agribusiness.

Lancaster Co. Livestock Market Auctions

Lancaster Livestock

Monday, Nov. 19, 1990

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Auction	960	90	298	799	273
Last Monday's Auction	941	71	183	877	412
Last Year's Auction	728	108	211	564	606

CATTLE. Slaughter steers steady, slaughter heifers 50-1 00 higher than last full test; cows 1 00-2.00 higher; bullocks and bulls fully steady. Supply included an estimated 46% slaughter steers, 27% slaughter heifers, 16% cows, and 11% bulls.

SLAUGHTER STEERS: Load and part load High Choice and Prime 2-4 1170-1375 lb 82.25-83.50, Choice 2-4 1100-1425 lb 79.75-83.00; Select and low Choice 2-3 1100-1450 lb 76.00-79.50, few 1450-1600 lb 74 00-76.50; small supply Select 2-3 950-1300 lb 68.00-72.00. HOLSTEINS: High Choice and Prime 1240-1650 lb 71.75-74.75; Choice 1200-1550 lb 68.00-71.00.

SLAUGHTER HEIFERS: Choice 2-3 950-1300 lb 75.50-78.75; couple Choice 2 1250-1300 lb 79.50-80.00; Select 2-3 975-1250 lb 72.00-76.00, 850-975 lb 69.25-72 00, Select and low Choice 2-4 975-1250 lb heiferettes 58 00-65.00.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 50 00-54 00 54.00-55.00 Commercial 3-4 49 00-52 50 Cutter & Boning Utility 1-2 47 00-49.50 49 50-53 00 53 00-55 00 Canner and low Cutter 46 00-47 50

BULLOCKS· Choice 2-3 1250-1600 lb 68 25-73 00, couple 73 00-75 75; Select 1-3 1000-1300 lb 62.00-67.50.

BULLS: Yield grade 1 1300-2000 lb 64 50-69 00, few 69 50-73.75, couple high dressing 75.00-76.75; Yield grade 2 1050-1650 lb 60.00-65 00, few low dressing 57 75-60.00.

VEAL CALVES: Vealers steady, slaughter calves firm to 5.00 higher. Demand good for Holstein bulls to return to farm

VEALERS· Couple Choice 180-240 lb 90 00-100 00, high Good and low Choice 150-270 lb 75 00-90 00, 80-110 lb 50 00-60 00

SLAUGHTER CALVES Good and Choice 270-450 lb 65 00-85 00.

RETURNED TO FARM Bulk 90-125 lb Holstein bulls 100 00-125 00.

HOGS. Compared to last Wednesday barrows and gilts 1 00-1 50 higher, sows steady to weak

BARROWS AND GILTS US 1-2 210-250 lb 48 50-49 00 US 1 215-235 lb 49 50-50 00 US 1-3 210-260 lb 47 75-48 50

SOWS US 1-3 300-650 lb 44 00-46 50 Medium 1-2 300-500 lb 42 00-44 50

BOARS All Weights 37 50-38 50

SHEEP Wooled lambs and slaughter ewes mostly steady

WOOLED LAMBS Choice 80-105 lb 50 00-60 00, 60-80 lb 55 00-70 00, few Choice 110-125 lb 45 00-50 00, Good to low Choice 70-105 lb 42.00-50 00

SLAUGHTER EWES: Utility and Good 15 00-30 00; Yearlings and two-year olds 30 00-40 00.

GOATS· All goats sold by the head. Large 75 00-100 00, few Billies 100 00-110 00, thin 55 00-65.00 Medium 50 00-60 00, thin 45.00-55 00 Small, mainly kids, 25 00-35 00, few fleshy 35 00-45 00

Vintage Livestock Auction

Paradise, Pa.

Tuesday, November 20, 1990

Report Supplied by USDA

CATTLE 664...USDA...(Supply included 26% steers, and 59% cows). .Compared with Monday's market: Slaughter steers fully steady, instances to 50 higher; Heifers steady; Cows steady to 1.00 lower; Bulls not fully tested. Few Choice & Prime 1175/1350 lbs sl. steers 82.25-83.75, 14 head 84-84.75, Choice 2-3 few 4, 1100/1475 lbs. 79 85-83 50, few 1425/1475 lbs. 79.85-82.50, Select & low Choice 2-3 1100/1350 lbs. 76.00-79 50, Select 2-3, 1050/1300 lbs 70.00-75 00 Choice 2-3, 990/1100 lbs. sl. heifers 75.75-77.25, Select 2-3 890/1075 lbs 70.00-73.00. Breaking Utility & Commercial cows 2-3, bulk 51.75-54, high dressing 54.25-55.75, Cutter & Boning Utility 1-2, low dressing 48.00-49, bulk 49.00-53 25, high dressing 53.25-53.75, Canner & Low Cutter low dressing 42.00-46.00, bulk 46 00-47.50. One Yield Grade No. 1, 1465 lbs. sl. bull 71.75, No. 2, 1200/1950 lbs. 62.00-63.75. Feeder Cattle: Couple Lots Small and Medium Frame No. 1, 430/540 lbs. steers 89.25-89.50, Med. & Large #1, 940/1180 lbs. 75 00-78.75; lot Med. & Large Frame No. 1, 915 lbs. heifers 73 00.

CALVES 890 .. Supply included 672 in graded sale of which 88% sold to return to farm . Vealers grading High Good to low Choice 3.00 to 5.00 higher, Standard and low Good steady. High Good & low Choice 140/250 lbs. 74.00-99.00, 100/120 lbs. 55.00-70.00, 80/100 lbs. 47.00-52 00, Standard and low Good 60/95 lbs. 30.00-44.00. Farm Calves: Holstein Bulls 120/125 lbs. 110.00, 95/115 lbs. 119.00-124.00, 85/90 lbs. 98.00-106 00, Small frame 110/115 lbs. 117.00, 100/105 lbs. 103.00-108, 85/95 lbs. 90.00-93, 80/85 lbs. 65.00-72.00; Hol. Heifers 90/115 lbs 125.00-125 00, 80/85 lbs. 125.00-128 00, 80/85 lbs. 90.00, Small frame 90/105 lbs. 104.00, 80/85 lbs. 54.00.

SHEEP 19...Insufficient volume for a market test - all cwt.

GOATS 3...No Market test.

Lancaster Auction

Wednesday, Nov. 23

Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Wed's Auction	25	4	192	0	0
Last Wed's Auction	14	5	323	0	0
Last Year's Auction	28	2	287	0	0

CATTLE: INSUFFICIENT VOLUME OF ANY ONE CLASS TO FULLY TEST TRENDS. PART LOAD CHOICE 3-4 1200-1495 LB. SLAUGHTER STEERS WITH WEIGHING CONDITIONS FAVORING THE SELLER, 77.50-78 25

VEAL CALVES: INSUFFICIENT VOLUME FOR A MARKET TEST.

HOGS BARROWS AND GILTS NOT TESTED, SMALL PRE-HOLIDAY SUPPLY OF SOWS NOT FULLY TESTED

SOWS. US 1-3 300-650 LB 40.00-42.00.

BOARS ALL WEIGHTS 35.00-36 50

SHEEP· NO MARKET TEST

GOATS NO MARKET TEST

Frederick Livestock Auction

Frederick, Md.

Monday, Nov. 19, 1990

Report Supplied by Auction

SLAUGHTER COWS: UTILITY 47.00-51 00; HIGH DRESSING UP TO 54.25, 1 AT 59.25; CANNERS 44.00-48.00; SHELLY 44.00 DOWN.

BULLS: YG#2 1490 LBS. 56.75.

FED STEERS: 1 SELECT HOLSTEIN 1120 LBS. 59.00.

VEAL CALVES: GOOD 250-300 LBS. 75.00-80.00; CULLS 75-110 LBS. 50.00-55.00; 50-75 LBS. 42.00-49.00; WEAK AND ROUGH 42.00 DOWN.

FARM CALVES, HOLSTEIN BULLS #1 95-125 LBS. 105.00-129.00, #2 80-100 LBS. 60.00-100 00; HOLSTEIN HEIFERS 90-120 LBS. 90.00-131.00; BEEF X BULLS 80 LBS. UP TO 100 00.

BUTCHER HOGS: #1 AND 3 220-260 LBS. 47.00-48.50, US#2 AND 3 250-280 LBS. 46.00-47.00; 200-215 LBS. 43.00; 300-375 LBS. 45.00-48 00.

SOWS· 300-500 LBS. 43 00-45 00; 500-600 LBS 43.00-46.00.

STOCK CATTLE: 400-600 LBS. 73.00-74.00, 1 750 LBS. AT 70 00; 2 HEAD, 900 AND 950 LBS., 61 00 AND 65 00.

HEIFERS· 500-700 LBS. 66.00-70 00; 700-800 LBS 57 00-70 00

BULLS: 500-700 LBS. 65 00-77.00, 700-850 LBS. 64.00-70 00, 1 ANGUS 970 LBS. AT 62 00.

DAIRY REPLACEMENTS· 2 MILKING COWS 600.00 AND 770 00.

Some markets not available due to the holiday

Westminster Livestock Auction

Hagerstown, Md.

Tuesday, Nov. 20, 1990

Report supplied by auction

SLAUGHTER COWS: UTILITY 47.00-51.75; HIGH DRESSING 52.00-54.50; CANNERS 44.00-48.00; SHELLY 44.00 DOWN.

BULLS: YG#2 1100-1950 LBS. 53.00-61.00

FED STEERS: 1 STANDARD 1300 LBS. AT 63 50.

FED HEIFERS 1 PRIME 1175 LBS. AT 79.50, CHOICE 900-1250 LBS.70 00-73 50, 1 SELECT 800 LBS. AT 62.00.

VEAL CALVES: CHOICE 185 LBS. AT 100.00; GOOD 150-425 LBS.74.00-90.00; CULLS 75-110 LBS.48.00-55 00; 50-75 LBS.40.00-48.00; WEAK AND ROUGH 40.00 DOWN.

FARM CALVES, HOLSTEIN BULLS. #1 90-120 LBS. 115.00-135.00; #2 80-110 LBS. 60.00-110.00

HOLSTEIN HEIFERS: 85-120 LBS. 80.00-104 00; BEEF X BULLS UP TO 114.00.

BUTCHER HOGS: 1 LOT #3 230 LBS AT 45.00; 280-400 LBS.44.00-47.00

SOWS: 300-500 LBS.40 00-43.00; 500-700 LBS.43.00-44.25.

BOARS: 500-725 LBS. 34.00-36 00.

STOCK CATTLE, STEERS: 300-500 LBS. 80.00-89.00; 500-700 LBS. 63.00-76 00, 700-900 LBS. 62 00-73.00

HOLSTEINS: 300-500 LBS. 68.00-80.00, 500-600 LBS. 62.00-69.00.

HEIFERS: 300-500 LBS. 66.00-75.00; SEVERAL 77.00-82.00; 500-700 LBS 58.00-66.00, 700-900 LBS. 55.00-64.00.

BULLS: 200-500 LBS. 70 00-90 00; 500-600 LBS. 68.00-76.00; 700-950 LBS. 57.00-66.00.

LAMBS: CHOICE 100-120 LBS. 48.00-57.00; 80-100 LBS. 50.00-55.00; SEVERAL 50 LBS. 62.00-66 00; GOOD 80-120 LBS. 43.00-49.00.

SHEEP: 17.00-30.00; YEARLINGS AND 2 YR. OLDS 32.00-49 00.

GOATS: LARGE 60.00-83.00, MEDIUM 35.00-56 00, FLESHY KIDS 28.00-39 00; SMALL 16 00.

PIGS AND SHOATS: BY THE HEAD, 20-30 LBS. 20.00-30 00; 30-50 LBS. 30.00-40 00; 50-70 LBS. UP TO 45 00, BY THE POUND, 80 LBS. UP TO 61.00; 90-130 LBS. 40.00-48.00; 150-180 LBS. 48.00-52.00

STOCK BOARS: 230-250 LBS. 40.00-41.00.

Lancaster County Weekly

Lancaster, Pa.

Wednesday, November 21, 1990

	Cattle	Calves
This Week	1800	1050
Last Week	3412	1712
Last Year	1866	1091

CATTLE: Slaughter steers fully steady, instances 50 higher; slaughter heifers 50-1.00 higher; cows 1.00 higher, instances 2.00 higher; bullocks and bulls fully steady. Supply included 34% slaughter steers, 16% slaughter heifers, 30% cows, 8% bulls, with the balance feeders

SLAUGHTER STEERS: Choice and Prime 2-4 1170-1375 lb 82.25-83 75, 15 head 84.00-84.75; Choice 2-3 few 4 1100-1425 lb 79 75-83.50, few 1425-1475 lb 79.25-82 50; Select and low Choice 2-3 1100-1425 lb 76.00-79.50, few 1450-1600 lb 74 00-76.50; Select 2-3 950-1300 lb 68.00-75.00. HOLSTEINS High Choice and Prime 1240-1650 lb 71.75-74 75, Choice 1200-1550 lb 68.00-71.00

SLAUGHTER HEIFERS: Choice 2-3 940-1300 lb 75.50-78 75; couple Choice 2 1250-1300 lb 79.50-80.00, Select 2-3 975-1250 lb 72.00-76.00, 850-975 lb 69.25-72 00; Select and low Choice 2-4 975-1250 lb heiferettes 58.00-65 00

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility & Commercial 2-3 51 00-54 00 54 00-55 75 Commercial 3-4 49 00-52 50 Cutter and Boning Utility 1-2 47.00-49 00 49.00-53.25 53 25-55 00 Canner and low Cutter 42 00-46 00 46 00-47.50

BULLOCKS Choice 2-3 1250-1600 lb 68.25-73.00, couple 73.00-75.75; Select 1-3 1000-1300 lb 62.00-67.50.

BULLS: Yield grade 1 1300-2000 lb 64.50-69.00, few 69.50-73.75, couple high dressing 75.00-76.75; Yield grade 2 1050-1650 lb 60 00-65 00, few low dressing 57.75-60.00.

VEAL CALVES: Bulk of slaughter vealers high Good and low Choice 3.00-5.00 higher, other grades steady, slaughter calves firm to 5.00 higher Demand good for Holstein bulls and heifers to return to farm.

VEALERS: Few Choice 180-240 lb 90.00-100 00; high Good and low Choice 140-250 lb 74.00-90 00, couple 150-160 lb 90 00-99.00, 100-125 lb 55 00-70 00, 80-110 lb 47.00-52 00, Standard and low Good 60-95 lb 30 00-44 00

SLAUGHTER CALVES· Good and Choice 270-450 lb 65 00-85 00

RETURNED TO FARM· Bulk 95-125 lb Holstein bulls 110.00-125 00, 85-90 lb 98.00-106.00; small frame 100-110 lb 95 00-108 00, one lot 115 lb 117 00, 85-95 lb 90.00-93.00, few 80-85 lb 65 00-72 00 70 head 90-115 lb Holstein heifers 125 00-128.00, 25 head 80-85 lb 90 00, small frame 80-85 lb 54 00-55 00

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AUCTIONS
MONDAY
9.00 A M - Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. - Goats, Veal Calves, Lambs
12 Noon - Slaughter Hogs
WEDNESDAY
8:00 A.M. - Slaughter Hogs
10.00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. - Veal Calves, Lambs
FRIDAY
11.00 A M. - Stocker and Feeder Cattle
SATURDAY
8:00 A.M. - Slaughter Hogs
Next Graded Feeder Cattle Sale Friday, Nov. 30 - 11:00 A.M.
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COMPETITION IS THE ADVANTAGE MARKET YOUR LIVESTOCK THE VINTAGE WAY
TUESDAY
11:00 A.M.
SLAUGHTER CATTLE AUCTION— STEERS, BULLS, HEIFERS, COWS, FEEDER CATTLE
7:30 P.M.
CALVES, SHEEP, GOATS
* GET CALVES IN EARLY— OUR STATE GRADER STARTS AT 1:00 P.M.
★NEW★ FEEDER & STOCKER ORDERS NOW BEING TAKEN
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Hog Markets

New Holland Hogs

New Holland Sales Stables
New Holland, Pa.
Monday, November 19, 1990
Report Supplied by Auction

754 HEAD.
RETAIL 1 & 2: 54.50-54.75.
WHOLESALE 1 & 2: 210-260 LBS., 50 00-53.00.
WHOLESALE 1 & 3: 210-265 LBS., 48.00-50.25.
SOWS, HEAVYWEIGHT: 45.00-48.00; LIGHTWEIGHT 43 00-46.00.
BOARS: 36.50-39.00.

Indiana Hogs

Nov. 20, 1990

HOGS 51
BARROWS AND GILTS .50-1.00 LOWER DEMAND MODERATE-GOOD
US 1-2 220-260 LB 46.50-48.00, MOSTLY 47.00-48.00
210-220 LB 44.50-46.75
US 1-3 220-260 LB 45.50-47.00
SOWS· 1.00-2.00 LOWER
US 1-3 300-500 LB 37.00-40.00
500-650 LB 42.00-44 00, FEW TO 46 00
INDIANA DIRECT RECEIPTS
MONDAYS ACTUALS 18,500 TODAYS ESTIMATE 14,500 TUESDAY WEEK AGO 14,900 TUESDAY YEAR AGO 16,500 WEEK TO DATE 33,000 SM PD WEEK AGO 32,500 SM PD YEAR AGO 37,500
CARCASS BASIS HOG PRICES· HOT WEIGHTS. PLANT DELIVERED 160-185 LBS. BARROWS AND GILTS· 69-2 05 LOWER
US 1 (BACKFAT THICKNESS 50- 79 IN) 66 33 TO 70 52 US 1 (BACKFAT THICKNESS .80- 99 IN) 65 03 TO 66 52 US 2 (BACKFAT THICKNESS 1.00-1 24 IN) 63 45 TO 65.52 US 3 (BACKFAT THICKNESS 1.25-1.49 IN.) 62.45 TO 65 02 US 4 (BACKFAT THICKNESS 1 50-1.79 IN.) 60.45 TO 62.45
ACTUAL PAYING PRICE MAY NOT ALWAYS BE WITHIN PRICE RANGES AS ADJUSTMENTS ARE MADE FOR SUPERIOR OR INFERIOR MUSCLING AND BACKFAT THICKNESS WITHIN THE GRADES.

Peoria Hogs

Peoria, IL
Nov. 21, 1990

HOGS 800 TRADING ACTIVE. BARROWS AND GILTS .50 TO 1 00 HIGHER, INSTANCES 1.25 HIGHER COMPARED WITH WEDNESDAY. SUPPLY MAINLY US 1-3 230-260 LBS
US 1-3 220-250 LBS. 49.50-50 00, 75 HEAD 50.50 2-3 230-260 LBS. 49 00-49.50 FEW 260-280 LBS. 47 00-49.00
SOWS: STEADY TO 1.00 HIGHER 19%
US 1-3 325-500 LBS. 43.00-44.00 500-650 LBS. 45.50-46.00
BOARS: OVER 350 LBS. 39.25 UNDER 350 LBS. 42 00-42.50
HOG 214
HC 49 50-50.50 HD 49.50-50.50 HE 49 50-50.50 HI 49.50-50.00 HJ 49 50-50.00 HK 49.50-50.00 HQ 49 00-49.50 HR 48.00-49.00 VV 43 00-44.00 WW 43.00-44.00 XX 45 50-46.00 YY 45.50-46.00 ZZ 39 25-39.25

Lancaster Hogs

Lancaster Stockyards
Sat., Nov. 17, 1990
Report supplied by auction

900 HEAD.
US 1 215-245 LBS. 50.00-51 25.
US 1-2 215-245 LBS. 49.00-50.00.
US 1-3 215-245 LBS. 48.00-49.00.
US 2-4 215-255 LBS. 45.00-47.50.
HEAVY HOGS 265-300 LBS. 42.50-44.00.
LIGHT HOGS 195-205 LBS. 44.50-46 00.
LIGHT HOGS 175-195 LBS. 42.50-44 00.
GOOD SOWS. 44 00-46.50.
MEDIUM SOWS. 42 50-44 50.
THIN SOWS. 37.50-42 50
HEAVY BOARS· 36 00-37 50
LIGHT BOARS· 40 00-42.50.

State Graded Feeder Pig Sale

at Westminster
Livestock Auction
Nov. 16, 1990

864 PIGS 2 WEEKS AGO 870. STRONGER DEMAND FOR ALL WEIGHTS, 5.00-8.00 HIGHER.
GRADE 1 AND 2. 93 HEAD 34-41 LBS. 119.00-123.00; 216 HEAD 44-47 LBS. 112.00-126.00; 224 HEAD 49-57 LBS. 108.00-122.00; 199 HEAD 62-65 LBS. 99.00-105.00; 20 HEAD 68 LBS. 108.00, 14 HEAD 73 LBS. 96.00; 26 HEAD 82 LBS. 85.00.
GRADE 2: 4 HEAD 26 LBS. 122.00, 16 HEAD 34-41 LBS. 81 00; 23 HEAD 50-60 LBS. 80.00-89.00; 4 HEAD 70 LBS. AT 85 00.
NEXT SALE DEC 7, 1·30 P.M

New Holland Feeder Pigs

New Holland, PA
Wed., Nov. 21, 1990
Report Supplied by Auction

611 HEAD.
1'S AND 2'S, 20-29 LBS. 134.00-180.00; 30-39 LBS. 96.00-122.00; 40-49 LBS. 120.00-136.00; 50-59 LBS. 1 LOT 118.00; 60-69 LBS. 1 LOT 106.00
2'S AND 3'S, 20-29 LBS. 165.00-170.00; 30-39 LBS. 102.00-121.00; 40-49 LBS. 88.00-116.00; 50-59 LBS. 98 00-100.00; 60-69 LBS. 72 00-93.00.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, Nov. 19, 1990
REPORT SUPPLIED BY AUCTION

REGISTERED RECEIPTS OF 332 HEAD OF HORSES, MULES AND PONIES. MARKET STRONGER.
DRIVING HORSES: 500.00-1450.00.
RIDING: 425.00-700.00.
LIGHTWEIGHT KILLERS: 415.00-500.00.
HEAVYWEIGHT KILLERS: 550.00-660.00.
THIN HORSES: 70.00-375.00.
MARE PONIES: 45.00-150.00
COLTS: 35.00-85.00.
GELDINGS: 45.00-150.00.
LARGER PONIES. 200.00-310.00.

Hay & Grain Markets

Pa. Grain

Monday, Nov. 19, 1990
Report supplied by PDA

COMPARED WITH LAST TUESDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA: CORN AND WHEAT STEADY TO .15 LOWER; BARLEY, OATS, AND NEW EAR CORN MOSTLY STEADY; SOYBEANS STEADY TO .20 LOWER; OLD EAR CORN LITTLE OFFERED.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.19-2.50, AVERAGE 2.30; @WHEAT NO. 2 RANGE 2.50-2.85, AVERAGE 2.70, FEW REPORTED CONTRACT FOR HARVEST 2.60-2 80; BARLEY NO. 3 RANGE 1.90-2.15, AVERAGE 1.99; OATS NO. 2 RANGE 1.20-1.70, AVERAGE 1.41; SOYBEANS NO. 1 RANGE 5.20-5.50, AVERAGE 5.35; FEW REPORTED GR. SORGHUM #2 RANGE 2.20, AVERAGE 2.20; OLD EAR CORN RANGE 60.00-100.00, AVERAGE 71.00; FEW REPORTED NEW EAR CORN RANGE 46.00-72.00, AVERAGE 57.09.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.20-2.40, AVERAGE 2.28; @WHEAT NO. 2 RANGE 2.50-2.70, AVERAGE 2.58; BARLEY NO. 3 RANGE 1.80-2 22, AVERAGE 2.05; OATS NO 2 RANGE 1.20-1.50, AVERAGE 1.33; FEW REPORTED SOYBEANS NO. 1 RANGE 5.35-5.50, AVERAGE 5.42; OLD EAR CORN RANGE 57.00-70.00, AVERAGE 62.80, FEW REPORTED NEW EAR CORN RANGE 50 00-55 00, AVERAGE 52 00.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.19-2.50, AVERAGE 2.33; @ WHEAT NO. 2 RANGE 2.50-2.90, AVERAGE 2.67, BARLEY NO. 3 RANGE 1.85-2.15, AVERAGE 2.02; OATS NO. 2 RANGE 1.20-1.62, AVERAGE 1.36; SOYBEANS NO. 1 RANGE 5.20-5.50, AVERAGE 5.36; OLD EAR CORN RANGE 57.00-75.00, AVERAGE 68.71; FEW REPORTED NEW EAR CORN RANGE 46.00-72.00, AVERAGE 55.05.

CENTRAL PENNSYLVANIA

CORN NO 2-Y RANGE 2 30-2 50, AVERAGE 2 38, @WHEAT NO 2 RANGE 2 60-2 90, FEW REPORTED 2 40, AVERAGE 2 69, BARLEY NO 3 RANGE 1 85-2 15, AVERAGE 2 03, OATS NO 2 RANGE 1 20-1 50, AVERAGE 1.34, SOYBEANS NO 1 RANGE 5 25-5 50, AVERAGE 5 34, BUCKWHEAT RANGE 8 00, AVERAGE 8 00, OLD EAR CORN RANGE 67 00 80 00, AVERAGE 74 00, FEW REPORTED NEW EAR CORN RANGE 47 00-60 00, AVERAGE 53 60

WESTERN PENNSYLVANIA

CORN NO 2-Y RANGE 2 05-2 70, MOSTLY 2 28-2 50, @WHEAT NO 2 RANGE 2 45-2 70, AVERAGE 2 58, BARLEY NO. 3 RANGE 2 00, AVERAGE 2.00, OATS NO 2 RANGE 1.05-1.40, AVERAGE 1 25, FEW REPORTED SOYBEANS NO. 1 RANGE FEW REPORTED 5.35, AVERAGE 5 35; FEW REPORTED PER HUNDREDWEIGHT RECLEANED 15% BUCKWHEAT RANGE 8 50, AVERAGE 8.50; FEW REPORTED NEW EAR CORN FEW REPORTED 55.00, AVERAGE 55.00.

MONTH AGO

CORN NO. 2-Y 2.72; @WHEAT NO #2 2.86; BARLEY NO. 3 2.05; OATS NO 2 1.59; SOYBEANS NO. 1 5 59; OLD EAR CORN 79 62; FEW REPORTED NEW EAR CORN 61 89

YEAR AGO

CORN NO. 2-Y 2 55; @WHEAT NO #2 2.72; BARLEY NO. 3 2 02, OATS NO 2 1.32; SOYBEANS NO. 1 5.85, OLD EAR CORN 76 58; FEW REPORTED NEW EAR CORN 56 87.

Regional Hay

Nov. 19, 1990
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER, PRICES PAID BY DEALERS AT THE FARM & PER TON) HAY AND STRAW STEADY.
ALFALFA 75.00-110.00; MIXED HAY 60.00-95.00; TIMOTHY HAY 60.00-90.00; STRAW 40.00-75.00, FEW 90.00; MULCH 20.00-35.00

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 11/16/90. PRICES PER TON: LOADS 253 HAY, 52 STRAW, AND 33 EAR CORN
ALFALFA 95.00-175.00, MIXED HAY 75 00-142 00, TIMOTHY HAY 90 00-141.00; STRAW 69 00-101 00, EAR CORN 69 00-94 00

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 11/16/90. PRICES PER TON: LOADS 78 HAY, 25 STRAW & 8 EAR CORN
ALFALFA 80.00-110 00, MIXED HAY 57.00-125.00; TIMOTHY HAY 75.00-117.50; STRAW 50.00-87 50, EAR CORN 70 00-97 50.

Greencastle Hay Market

Hay & Straw
Nov. 19, 1990

8 LOADS
ALFALFA MIXED
103 00-126 00/TON
TIMOTHY HAY 75 00-78 00/TON
MIXED HAY 60 00/TON

Dewart Hay

Dewart, PA.
Monday, Nov. 19, 1990
Report Supplied by Auction

9 LOADS HAY, 55.00-102.00
STRAW: 4 AT 71 00-79.00.
WOOD: 14 LOADS, 25.00-40 00
CORN: 3 LOADS, 40.00-65.00.
OATSP: 2.10 BU

Diffenbach Auction Center

New Holland, PA
Monday, Nov. 19, 1990
Report Supplied by Auction

TOTAL LOADS: 145.
ALFALFA: 90.00-175.00.
MIXED HAY: 67 00-185.00
TIMOTHY: 87.00-130 00.
CLOVER: 45 00.
ORCHARD GRASS: 77.00-140.00
STRAW: 55.00-112.00
EAR CORN: 60 00-112.00
CORN FODDER: 30.00
OATS 2.10-2 60 BU.
This sale was formerly held at the New Holland Sales Stables. It is now held at Diffenbach's New Holland Auction Center Ltd., 100 W. Jackson St., New Holland, across from the prior sale location Auction time is 10 00 a.m. Monday.

Keister's Hay

Middleburg, PA
Tuesday, Nov. 20
Report supplied by auction

23 LOADS OF HAY
MIXED HAY: 55 00-125 00
ALFALFA: 145 00.
MULCH: 1 LOAD, 35 00
STRAW: 8 LOADS, 50.00-77.50
EAR CORN· 5 LOADS 67.50-85 00
SHELLED CORN. 2 50 BU
OATS. 1 LOAD, 1.90 BU
FIREPLACE WOOD· 17 LOADS, 20 00-55 00.

Leinbach's Hay

Shippensburg, PA
Nov. 17 and 20
Report Supplied by Auction

TOTAL LOADS· 51
ALFALFA: 55 00-135 00
MIXED HAY· 40 00-102 50
TIMOTHY 84 00-92 00.
BROME GRASS. 57.50-81 00
ORCHARD GRASS 43 00-64 00
STRAW. 40 00-70 00
EAR CORN 56 00-90 00
FIREWOOD 30 00-35 00 LOAD

Belleville Hay

Wednesday, Nov. 21
Belleville, PA
Report Supplied by Auction

TOTAL LOADS· 28 LDS. HAY
ALFALFA. 70 00-125 00.
MIXED HAY 50 00-82 50
TIMOTHY 130 00
STRAW 7 LOADS AT 55 00-82 50.
OATS 1 55 BU
CORN 85 00

North Jersey Market

Hackettstown, N.J.
Tuesday, Nov. 20, 1990
Hay—Straw & Grain Report

MIXED HAY· 1.60-1 90 BALE
GRASS· 1.40-1 85 BALE
WHEAT STRAW 1 90 BALE

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Lloyd H. Kreider, Auctioneer
AU-000513L
No out of state checks

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Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, Nov. 20, 1990
Report Supplied by Auction

HEAVY FOWL: .15-.65
MIXED FOWL. .25- 60
ROASTERS· .30.
GEESE: 05- 25.
BUNNIES, EACH. 75-2 00
ROOSTERS .40-.95.
DUCKS· .20- 55
RABBITS· .45-1.55
PIGEONS· 1 00-1 40.
GUINEAS: 1.70.
TURKEYS: .40-1.10.
PULLETS 6.00-6.25

WHITE EGGS: EXTRA LARGE & JUMBO .89-1.02, LARGE 56- 82, MEDIUMS 42-.75; SMALL .41

BROWN EGGS· EXTRA LARGE & JUMBO .91-1 13, LARGE .66- 90, MEDIUMS 51- 65.

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Delmarva Broiler Fryer

Nov. 20, 1990

Movement of ready-to-cook whole fryers was mostly light but expected to improve at weeks end for next week's deliveries Supplies were at least adequate for current demand. Less than trucklot asking prices remained unchanged at 42-58 cents. Live supplies were moderate. Average live weights were desirable to instances heavy. Processing schedules were moderately heavy. Trade sentiment was mostly steady. In the parts complex, breasts were sluggish while the call for dark meat improved. Wings were in a strong position.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000) ESTIMATED ACTUAL AVG. WGT. ACTUAL AVG. WGT. 11/20 11/16 11/16 11/13 11/ 2,128 1,549 4.64 1,988 4.60

NEW YORK MULTIPLE DROP BROILER REPORT:

CURRENT BROILER/FRYER NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA

BRANDED U.S GRADE A RANGE 42-58 WEIGHTED AVERAGE 50.28 NO. OF BOXES 11,814

New England Shell Eggs

Nov. 20, 1990

Prices were unchanged. Trade sentiment was steady. Demand was fairly good to very good, best into retail channels Floor stocks were balanced.

PRICES PAID TO PRODUCERS FOR LOOSE BROWN EGGS AT FARM, CASES EXCHANGED, GRADE YIELD BASIS, CENTS PER DOZEN: JUMBO 92.-95, EX LARGE 82-.85, LARGE 81-.84, MEDIUM .78-.81, SMALL 34-.37.

BOSTON· PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE BROWN EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN:

A EXTRA LARGE 1.01-1.03, A LARGE 1.00-1.02, A MEDIUM .97-.99.

Philadelphia Eggs

Wednesday, Nov. 21, 1990
Report Supplied by USDA

MARKET COMMENT: TRADE SENTIMENT WAS AT LEAST STEADY. SUPPLIES OF GRADED EGGS WERE SHORT TO CLOSELY BALANCED FOR THE GOOD DEMAND; UNGRADED EGGS WERE AVAILABLE. A EXTRA LARGE .86-.88, A LARGE .84-.86, A MEDIUM .77-.78.

N.Y. & Phila. Frozen Eggs

November 20, 1990

Trade sentiment was cautious with mostly prices generally unchanged. Buying activity was mixed and usually centered around immediate needs. Forward trading was encouraged by increasingly competitive pricing. Most plants worked reduced holiday schedules and were not anxious to build inventories. Floor stocks were generally adequate to cover current needs.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS) U.S.D.A. INSPECTED CLASS TRUCKLOTS LTL (MIN. 25 CONT.) WHOLE 58-60 MOSTLY 59-60 61-68 BLENDS (/) - MOSTLY - 68-78 WHITES 46-48 MOSTLY 46-47 49-58 YOLKS (MIN. 43% SOLIDS) SUGARED 73-77 MOSTLY 74-75 77-83 SALTED 69-73 MOSTLY 70-71 74-80 (/)-WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

N.E. Chicken Parts

Nov. 20, 1990

Trucklot buying interest continued seasonally light with most distributors holding receipts to standing commitments. Supplies of skinless boneless breasts were fully adequate for immediate needs with some early morning offerings not sold. Whole breasts improved over prior day. Some buyer inquiries for late week production were reported. Legs were adequate at steady prices, leg quarters were fully adequate to ample with negotiated prices at 22-23 cents, however most buyers remain cautious. Wings were in good balance.

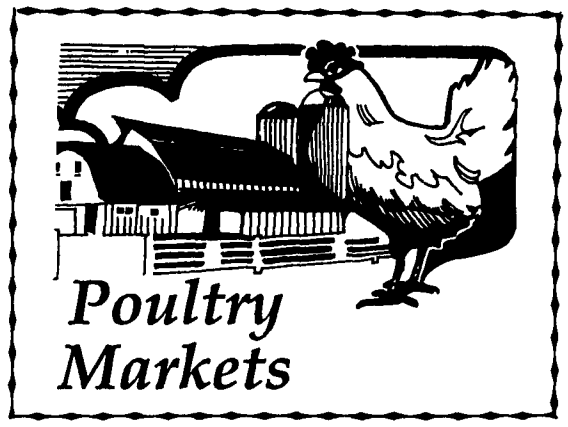
TODAYS NEGOTIATED SALES AS OF 11:30 A.M., PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES:

ITEM CURRENT NEGOTIATED TRADING BREASTS SKINNED BONELESS 165-170 RIBS ON 79-80 LINE RUN 79 LEGS 34-35 LEG QUARTERS 22-23 THIGHS 32-33 DRUMSTICKS 30-31 WINGS 53-54 BACKS & NECKS 10-12 LIVERS 15-20 GIZZARDS (HEARTS) 45-50

Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island.

PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES: CURRENT ITEM NEGOTIATED TRADING* WEIGHTED AVG.** VOLUME/LBS. BREASTS SKINNED BONELESS 165-170 175.47 250,200 RIB ON 79-80 82.65 466,200 LINE RUN 79 78.13 338,400 LEGS 34-35 37.68 282,600 LEG QUARTERS 22-23 23.09 558,000 THIGHS 32-33 33.79 25,200 DRUMSTICKS 30-31 29.41 52,200 WINGS 53-54 58.18 379,800 BACKS & NECKS 10-12 7.37 88,200 LIVERS 15-20 19.58 21,600 GIZZARDS (HEARTS) 45-50 50.67 27,000

*TODAY'S NEGOTIATED SALES AS OF 11:30 A.M. **WEIGHTED AVERAGE PRICE OF ALL GRADES AND BRANDS OF PRODUCT SHIPPED, OR TO BE SHIPPED FROM PROCESSORS AS OF 2:00 P.M. DAY OF REPORT. (INCLUDES NEW YORK CITY METROPOLITAN AREA, NORTHERN NEW JERSEY, MASSACHUSETTS, CONNECTICUT AND RHODE ISLAND).



Weekly New York Egg Market Northeast Quotes

From Fri., Nov. 16 to Thurs., Nov. 21

	FRI.	MON.	TUES.	WED.
WHITE				
JUMBO	.96	.96	.96	.96
EX. LARGE	.93	.93	.93	.93
LARGE	.90	.90	.90	.90
MEDIUM	.83	.83	.83	.83
PULLETS	.67	.67	.67	.67
OFF GRADE	.78	.78	.78	78
BROWN				
EXTRA LARGE	1.03	1.03	1.03	1.03
LARGE	.99	.99	.99	.99
MEDIUM	.91	.91	.91	.91
OFF GRADE				
UNDERGRADES AND CHECKS	.40	.40	.40	.40

BREAKING STOCKS: FRI. 48-50 LBS. 51.00-53.00, 50 LBS. UP 53.00-54.00.

N.E. Weekly Shell Egg Report

Tuesday, Nov. 20
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N. HAMP.	1.08-1.12	1.07-1.11	1.04-1.08	.60-.64
MOSTLY	1.10-1.11	1.09-1.10	1.06-1.07	.62-.63
RHODE ISLAND	1.11-1.15	1.10-1.14	1.07-1.11	.63- 67
MOSTLY	1.11	1.10	1.07	.63
VERMONT	1.15-1.25	1.1?-1.19	.99-1.10	
MOSTLY	1.15	1.12	1.10	
MAINE	1.15-1.20	1.14-1.19	1.11-1.16	.67-.72

Eastern PA & NJ Poultry Report

Atlanta, Ga.
Wednesday, November 21, 1990

NORTHEAST LIVE HEN MARKET FEDERAL-STATE: Trading was at generally unchanged levels on light type and too limited sales to report on heavy hens Availability was extremely short for next week's slaughter needs. Demand moderate to good. Undertone at least steady.

CENTS PER POUND, GENERALLY FOR SLAUGHTER THE FOLLOWING WEEK:

LIGHT TYPE AT FARM (PRODUCER LOADING) 2 5-4 FOB PLANT TOO FEW TO REPORT.

HEAVY TYPE (7 POUNDS AND UP) AT FARM (BUYER LOADING) TOO FEW TO REPORT AT FARM (PRODUCER LOADING) TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT

National Egg Market

Nov. 20, 1990

Prices were unchanged. The market tone was steady. Demand was fair to very good, mostly good and best into cartoned channels. Inter-dealer demand focused on graded eggs due to limited grading schedules. Floor stocks of graded eggs were barely adequate to adequate, and closely monitored. Ungraded egg supplies were generally adequate. Breakers provided a light to good demand for shell eggs, mostly light due to shortened Thanksgiving breaking schedules.

New York Eggs

Nov. 20, 1990

Prices were unchanged. Trade sentiment was steady. Demand was generally good as influenced by Thanksgiving and shortened delivery schedules. Supplies were usually adequate, but fill-in volumes of graded eggs were difficult to secure The New Jersey inventory was 6% below last Monday's level, and the New York inventory was 20% above last week

PRICES TO RETAILERS- SALES TO VOLUME BUYERS, CONSUMER GRADE A WHITE EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN:

A EXTRA LARGE .88-.90, A LARGE .85-.88, A MEDIUM .78-.81.

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National Grain Market

St. Joseph, MO
Nov. 20, 1990

GRAIN AND SOYBEAN PRICES FELL SHARPLY TUESDAY. WHEAT 3 TO 6 CENTS LOWER, CORN 5 TO 7 CENTS LOWER, SORGHUM 8 TO 10 CENTS LOWER AND SOYBEANS 10 TO 14 CENTS LOWER. THREE DAY RALLY IN GRAIN AND SOYBEAN PRICES CAME TO AN ABRUPT HALT TUESDAY. PROFIT TAKING ON THE BOARD AND DISSAPOINTING NEWS ABOUT U.S.S.R. AID, PRIMARY FACTOR IN THE DECLINES. SOME EXPORT NEWS SHOWED UP TO INSTIGATE THE PRICE RALLY BUT OUT OF COUNTRY SHIPMENTS CONTINUE TO RUN WELL BELOW YEAR AGO. ALSO, NEGOTIATORS NOT FULLY SATISFIED WITH GATT TALKS AND STILL SOME UNCERTAINTY ABOUT EXPORT ENHANCEMENT PROGRAM.

EXPORT NEWS: U.S.D.A. ISSUED A FISCA 1991 PL480 TITE I PURCHASE AUTHORIZATION TO TUNISIA TO BUY ABOUT 67,000 TONNES U.S. WHEAT SCHEDUED FOR NOVEMBER/ SEPT SHIPMENTS.

DATE CHANGE YEAR AGO 11/20/90 11/19/90 11/21/89 WHEAT: KANSAS CITY 2.60-2.63 DN 6-5 4 27-4.29 MINNEAPOLIS 2.74 DN 3-4 4.14 1/2-4.19 1/2 PORTLAND 2.79-2.81 DN 5-4 4.57-4.59 ST. LOUIS 2.55-2.58 DN 7-8 4.30-4.33

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.28-2.31 DN 5-7 2.42-2.46 MINNEAPOLIS 2.10 3/4 DN 7 3/4 2.19 SO. IOWA 2.24-2.28 DN 5-5 1/2 2.39-2.43 OMAHA 2.10-2.13 DN 6 2.27-2.29

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 5.63-5.68 DN 14 5.76-5.78 MINNEAPOLIS 5.53 1/4 DN 10 1/2 5.60 3/4 SO. IOWA 5.62-5.66 DN 11-12 5.79-5.85 C. ILL. PROCESSORS 5.70 1/2-5.75 1/2 DN 10 1/2-11 1/2 5.95-6.01

KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 1 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (DEC) WHEAT 2.54 1/2 DN 5 3/4 4.14 3/4 MINNEAPOLIS (DEC) WHEAT 2.49 DN 3 3.89 1/2 CHICAGO (DEC) WHEAT 2.45 1/4 DN 7 1/2 4.09 1/4 (DEC) CORN 2.21 3/4 DN 5 3/4 2.38 (JAN) SOYBEANS 5.68 1/4 DN 11 1/2 5.85 3/4

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 2.99-3.02 DN 5 4.61-4.62 NO. 2 SOFT RED WINTER WHEAT 2.83-2.86 DN 9-8 4.56-4.59 NO. 2 YELLOW CORN 2.50-2.52 DN 6 2.74-2.75 NO. 2 YELLOW SORGHUM RAIL 4.37 DN 10 BARGE 4.33 DN 9 4.69-4.70 NO. 2 YELLOW SOYBEANS 5.91 DN 9-12 6.19-6.20.

Westminster Hay

Westminster, Md.
Tuesday, Nov. 20, 1990
Report Supplied by Auction

TOTAL LOADS: 68.
ALFALFA: 1.60-2.60 BALE.
ALFALFA MIX: 77.00.
TIMOTHY: 90.00, 1.00-1.50 BALE.
TIMOTHY MIX: 67.00-82.50, .65-1.60 BALE.
ORCHARD GRASS: .50-1.00 BALE.
STRAW: 69.00, .80-1.35 BALE.
LUMBER: .50-1.60 PER BOARD.
WOOD: 27.00-90.00 CORD.

King's Hay

Kirkwood, Pa.
Tuesday, Nov. 20, 1990
Report Supplied by Auction

27 LOADS OF HAY.
ALFALFA AND MIX: 85.00-146.00.
MIXED HAY: 85.00-130.00.
CLOVER AND MIX: 95.00-100.00.
TIMOTHY AND MIX: 101.00-139.00.
STRAW: 85.00-90.00.
RYE: 3.40 BU.

St. Louis Cattle, Hogs

Nov. 20, 1990

CATTLE & CALVES: 125 (450 SLTR, 0 FDRS) TRADING ACTIVE. AS COMPARED TO MONDAY, SLAUGHTER STEERS AND HEIFERS FULLY STEADY. COWS AND BULLS STEADY. SUPPLY MAINLY SLAUGHTER STEERS AND COWS.

SLAUGHTER CLASSES: STEERS: CHOICE 2-4 1100-1275 LBS. 78.50-80.00 CHOICE 2-3 1175-1350 LBS. 80.00-81.00 SELECT & CHOICE 2-3 950-1300 LBS. 75.50-78.50 SELECT 2-3 900-1350 LBS. 73.50-75.
50

HOLSTEINS: SELECT & CHOICE 2-3 NO TEST CHOICE 2-3 NO TEST

SLAUGHTER HEIFERS: CHOICE 2-4 FEW LOTS 925-1225 LBS. 77.50-79.00 CHOICE 2-3 NO TEST SELECT & CHOICE 2-3 825-1100 LBS. 75.00-77.50 SELECT 2-3 850-1100 LBS. 71.00-75.00

SLAUGHTER COWS: CUTT, UTIL, COMM BULK SALES HI DRESS % LO DRESS % BREAKING 2-4 44.00-47.00 BONING 1-2 47.00-49.00 48.00-50.00 LOW TO AVG. CUTT 45.00-48.00

SLAUGHTER BULLS: YG 1-2 1025-1700 LBS. 54.00-58.00 DS CB 79.00-80.00 CC 79.50-81.00 CE 77.50-78.50 CF 78.50-80.00 CG 79.00-80.00 CI 73.50-74.50 CJ 74.50-75.50 CK 74.50-75.50 CM 68.00-71.00 CN 70.00-72.00 CO 66.00-69.00 CP 68.00-70.00 CS 78.00-79.50 CT 78.50-80.00 CU 76.50-77.50 CV 77.50-79.00 CW 78.00-79.00 CX 71.00-73.00 CY 73.00-75.00 CZ 73.00-75.00 DB 44.00-46.00 DC 45.00-47.00 DD 47.00-50.00 DE 45.00-50.00 DF 42.00-45.00 DG 57.00-60.00 DH 59.00-61.00 DI 54.00-59.00.

Some markets not available due to the holiday

Farmers Honored For Conserving

ARLINGTON, Va. — The R.M.D. Shultz Farm, a 95-cow dairy operation in Danville, Pa., was honored recently for its outstanding efforts to implement conservation practices that reduce agricultural pollution during the Fifth Annual Chesapeake Bay Conservation Awards Dinner at the Loews Annapolis Hotel, 126 West St., in Annapolis, Md. Eleven other bay-area award winners were also honored.

Co-sponsored by the Izaak Walton League of America (IWLA) and the Du Pont Company, the annual awards recognize individuals, businesses, and organizations for their dedication to restoration of the Chesapeake Bay.

Among the first farmers in the Danville area to sign up with the Pennsylvania Chesapeake Bay Program, the three Shultz brothers have installed a stream protection system and an agriculture waste storage facility in an effort to improve water quality by cutting down on agricultural runoff. In addition, they formed a crop management association with other county farmers and implemented numerous soil conservation practices.

"The League congratulates these hard-working conservationists for making a difference in the fight to save the Chesapeake Bay and its watershed," said IWLA Executive Director Jack Lorenz. "The future of the bay looks hopeful if citizens get involved in restoration efforts."

Dr. Bruce W. Karrh, vice president of safety, health, and environmental affairs for Du Pont, agreed. He said, "While rebuilding and maintaining a healthy Chesapeake Bay ecosystem may be difficult, with the help of people such as the Shultzes, the bay will continue to benefit future generations."

Demanding Pennsylvania Farmers Will Be Planting New Funk's G Brand Hybrids

Why? Because they're backed by demanding CIBA-GEIGY research. Research that began in 1983 with a commitment to produce the best hybrids your hard-earned money can buy.

And here they are. Three new hybrids good enough to carry the CIBA-GEIGY reputation for quality. Three hybrids good enough for demanding farmers like you.

Each offers a time-tested performance package of more than just big yields. You'll get standability, disease resistance, plant health, dry-down and much more. Plus, you'll get the confidence that comes from using a CIBA-GEIGY product.

That's why demanding farmers will be planting new Funk's G Brand hybrids. Shouldn't you be one of them?

Call us today. Our performance will meet your demands.

1-800-776-7929

NEW **4472**
110-day hybrid. Leading grain hybrid with superior grain quality. Large, attractive ears. Strong, healthy plants. Good dry-down. Leader for standability in Delaware state trials.

NEW **4530**
113-day hybrid. Strong disease tolerance to withstand disease and humidity pressures of the Northeast. Medium-short plants with good intactness.

NEW **4624**
118-day hybrid. Large, girthy ears. Excellent standability. Performs under drought stress and in increasing populations. Rapid dry-down. Healthy plants.

Hoffman FARM SEEDS
CIBA-GEIGY Seed Division

Hoffman Seeds, Inc.
Landisville, PA 17538
Dependable Seeds From Dependable People

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HAY, STRAW & GRAIN SALE
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Auction will continue all year long
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L. Robert Frame, Sr. president
Glenn S. Frame Mgr.

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1-800-544-4574
R.D. #1, Box 139
Marietta, PA 17547

Greencastle Livestock

Greencastle, Pa.
Monday, Nov. 19, 1990 -

SLAUGHTER CATTLE RECEIPTS: 438 HD. SLAUGHTER STEERS: 91 HD. TREND: 1.00 HIGHER. HIGH CHOICE & PRIME 2-4 80.50-82.75, CHOICE 2-3 950-1075 LBS. 73.00-77.50, CHOICE 2-3 1075-1375 LBS 75.00-80.00; CHOICE 2-3 OVER 1375 LBS. 75.00-78.75; CHOICE 4, ALL WEIGHTS 73.00-75.75; SELECT AND CHOICE 1-2 950-1100 LBS. 70 00-75.75; SELECT AND CHOICE 1-2 1100-1375 LBS. 70 00-74 00; SELECT AND CHOICE 1-2 OVER 1375 LBS. 68.00-72.00.

HOLSTEINS· CHOICE 2-3 1050-1450 LBS. 67 00-72.75; SELECT 1-2 1050-1450 LBS 62 50-66.50.

SLAUGHTER HEIFERS: 40 HEAD. TREND: 1.00 HIGHER. CHOICE 2-3 850-1000 LBS. 68.00-74.00; CHOICE 2-3 1000-1250 LBS. 73.00-80 00; CHOICE 4 ALL WEIGHTS 72 00-74.00; SELECT AND CHOICE 1-2 850-1000 LBS. 67.00-72.75; SELECT AND CHOICE 1-2 1000-1250 LBS. 72 00-76 00.

HOLSTEINS: CHOICE 2-3 1000-1350 LBS 63.00-70.00; SELECT AND CHOICE 1-2 1000-1350 LBS. 56 00-62 50.

SLAUGHTER BULLS: 23 HEAD. TREND: STEADY TO 1.00 HIGHER. YG#1 ALL WEIGHTS 55.00-60 00; YG#2 ALL WEIGHTS 61 00-68.75.

BULLOCKS. 4 HD SELECT 1-2 950 TO 1250 LBS. 62.75-66 75.

COWS 280 HD TREND: 1 00 HIGHER. BREAKING UTILITY AND COMMERCIAL 47.00-52.75; CUTTER AND BONING UTILITY 46.00-53.50; CANNER AND LOW CUTTER 46.00 & DOWN.

STOCKER AND FEEDER CATTLE RECEIPTS: 85 HEAD. *TREND: STEADY- GOOD DEMAND. BEEF TYPES 200-400 LBS. STEERS 80.00-90 00, BULLS 75.00-85.50, HEIFERS 70.00-76 00; 400-600 LBS. STEERS 74.00-84.00, BULLS 66 00-74.50, HEIFERS 65 00-74.00; 600-800 LB. STEERS 70 00-76 50, BULLS 60.00-65.00, HEIFERS 62 00-72.00; 800-975 LBS STEERS 69 00-75.50, BULLS 56 00-62 00, HEIFERS 60 00-72 00

HOLSTEINS & DAIRY CROSS 200-400 LBS STEERS 80 00-90 00. BULLS 70.00-84.00, HEIFERS 80 00-120.00; 400-600 LBS. STEERS 70.00-74 00; 800-975 LBS STEERS 57.00-62 00.

CALVES: 540 HEAD. VEAL CALVES: TREND. STEADY. CHOICE 150-300 LBS. 85.00-97.00; GOOD 150-300 LBS. 75.00-84 00; GOOD 100-150 LBS. 70.00-79.00; GOOD 80-100 LBS. 60.00-69.00; STANDARD 80-100 LBS. 50.00-59.00; STANDARD 80 LBS & DOWN 49.00 & DOWN. CALVES RETURNING TO FARM· TREND STEADY. HOLSTEIN BULLS OVER 100 LBS. UP TO 135 00, UNDER 100 LBS UP TO 130.00; HOLSTEIN HEIFERS OVER 100 LBS. UP TO 165 00, UNDER 100 LBS. UP TO 130.00; BEEF TYPE BULLS OVER 90 LBS UP TO 145 00, BEEF TYPE HEIFERS, OVER 90 LBS UP TO 110.00.

SHEEP AND LAMBS: 90 HD. TREND. 1.00 HIGHER. CHOICE 80-100 LBS. 45.50-48.00, 100-120 LBS. 45.00-47.00, 120 & OVER 40.00-46 00, MEDIUM & GOOD ALL WEIGHTS 39 00-44 50, LIGHT LAMBS 50 00-57.00; CULL LAMBS 40.00 & DOWN.

SHEEP: EWES LEAN 17.00-23.00, EWES FAT 16 00-20 00, YEARLINGS 30 00-35 00, BUCKS 20 00-27.00.

GOATS: 49 HD SMALL 20 00-39 00; MEDIUM 40.00-58.00; LARGE 59 00-82.00.

HOGS, SOWS & BOARS· 138 HD HOGS BARROWS & GILTS. TREND 1 00 LOWER. 210-250 LBS. 47.50-49 00, 250-260 LBS. 46 00-48 00; 260-270 LBS 44 00-47 00, 270-300 LBS. 40 00-46 50.

LIGHT HOGS: 140-180 LBS. 35 00-42.00; 180-210 LBS. 40.00-44 75.

SOWS: TREND: 2.00 LOWER. GOOD SOWS UNDER 400 LBS 42.00-45 50, GOOD SOWS OVER 400 LBS 43.00-46.00; CULL SOWS ALL WEIGHTS 41 00 & DOWN

BOARS: TREND: 1 00 LOWER 180-210 LBS. 42 00-45.00; 210-260 LBS 40 00-46 00; 260-300 LBS 37 00-41 00, 300 LBS. & OVER 35 00-37 00

SALE EVERY MONDAY AT 2 00 P M. & EVERY THURSDAY AT 1 00 P.M.

HAY & STRAW SALE EVERY MONDAY & THURSDAY AT 11·30 A M

SPECIAL FEEDER CATTLE SALE· FRIDAY, DEC 7 AT 7 15 P M

SPECIAL FEEDER PIG SALE· SATURDAY, NOV 24 AT 1 00 P M

Central U.S. Carlot

Beef Report
Nov. 20, 1990
Report supplied by USDA

CENTRAL U.S. CARLOT BEEF REPORT (INCLUDES THE MAJOR PRODUCTION AREAS IN THE MIDWEST, TEXAS AND OKLAHOMA) AS OF 3 P.M.

COMPARED TO TUESDAY'S 3:00 P.M. REPORT: COW CARCASSES FIRM TO 1.00 HIGHER. DEMAND AND OFFERINGS LIGHT TO MODERATE.

COW AND BULL CARCASSES
FOB OMAHA BASIS
14 LOADS REPORTED

UT,BRK 2-4, 450 & UP, 3 LOADS, RANGE 81.00-83.00, LATEST ESTB. MKT. 83.00.

UT,BNG 1-3, 400 & UP, 7 LOADS, RANGE 85.00-87.00, LATEST ESTB. MKT. 87.00.

CUTTER 1-2 350 & UP, 4 LOADS, RANGE 92.00, LATEST ESTB. MKT. 92.00.

BULLS 500/UP YG1, LATEST ESTB. MKT. 102.00 D.

BONELESS PROCESSING BEEF/ BEEF TRIMMINGS
97.5 LOADS REPORTED

BONELESS PROCESSING BEEF STEADY TO MOSTLY 2.00 HIGHER. DEMAND AND OFFERINGS LIGHT TO MODERATE. BEEF TRIMMINGS HIGHER ON MODERATE DEMAND AND OFFERINGS.

FOB OMAHA BASIS

90% FRESH, 9 LOADS, RANGE 124.0-126.0, WT. AVG. 124.78.
90% FROZEN, 2 LOADS, RANGE 127.00-129.5, WT. AVG. 128.25.
85% FRESH, 1 LOAD, RANGE 119.00, WT. AVE. 119.00.
85% FROZEN, UNQUOTED.
75% FRESH, 1.5 LOADS, RANGE 100.5, WT. AVG. 100.50.
75% FROZEN, UNQUOTED.
65% FRESH, 2 LOADS, RANGE 82.5, WT. AVG. 82.50.
65% FROZEN, UNQUOTED.
50% FRESH, 61 LOADS, RANGE 56.00-59.00, WT. AVG. 57.58.
50% FROZEN, 1 LOAD, RANGE 60.00, WT. AVG. 60 00.
50% BOX, UNQUOTED.
BULL 92-94, RANGE 143.0, WT. AVG. 143.00 D.

FOB EAST TX AND OK

90% FRESH, 14 LOADS, RANGE 125.0-125.5, WT. AVG. 125.18.
90% FROZEN, 6 LOADS, RANGE 127.5, WT. AVG. 127.50.
85% FRESH, UNQUOTED.
85% FROZEN, UNQUOTED.
75% FRESH, UNQUOTED.
75% FROZEN, UNQUOTED.
65% FRESH, UNQUOPTED.
65% FROZEN, UNQUOTED.
BULL 92-94, UNQUOTED.

CAF NORTHEAST AREAS

90% FRESH, UNQUOTED.
90% FROZEN, UNQUOTED.
85% FRESH, UNQUOTED.
85% FROZEN, UNQUOTED.
75% FRESH, UNQUOTED.
75% FROZEN, UNQUOTED.
65% FRESH, UNQUOTED.
65% FROZEN, UNQUOTED.

****ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.****

DUE TO MARKET NEW'S OBSERVANCE OF THE VETERAN'S DAY HOLIDAY, THIS REPORT WILL NOT BE ISSUED ON MONDAY, NOV. 12, 1990.

Carlisle Livestock Market

Carlisle, Pa.
Tuesday, Nov. 20, 1990

SLAUGHTER STEERS: ACTIVE 2.00 HIGHER. SELECT AND LOW CHOICE 70.00-77.50; HOLSTEINS 2.00 HIGHER. CHOICE 68.00-72.50; STANDARD 60.50 AND DOWN.

SLAUGHTER HEIFERS: HOLSTEINS 60.00-68.00.

SLAUGHTER COWS: ACTIVE. EARLYBIRD PEN FIRM 3.00 HIGHER; BREAKING UTILITY AND COMMERCIAL 50.50-54.25; CUTTER AND BONING UTILITY 48.00-52.75; CANNER AND LOW CUTTER 43.00-47.50; SHELLY 42.00 AND DOWN.

SLAGUHTER FAT BULLS: YG#2 52.50-60.00.

FEEDER CATTLE, FEEDER STEERS: ALL WEIGHTS, MEDIUM AND LARGE #1 74.00-83.00; HOLSTEINS 66.00-70.00.

FEEDER HEIFERS: ALL WEIGHTS, MEDIUM AND LARGE #1 71.00-76.00; MEDIUM AND LARGE #2 63.00-69.50; HOLSTEINS 53.00-64.00.

FEEDER BULLS: ALL WEIGHTS, MEDIUM AND LARGE #2 67.00-73.00.

VEAL CALVES: ACTIVE. CHOICE 90.00-102.50; GOOD 75.00-89.00; STANDARD 55.00-70.00; LIGHT, WEAK 50.00 AND DOWN.

FARM BULLS: 115.00-141.00.

HOGS: BARROWS AND GILTS, US#1 AND 3 210-260 LBS. 47.00-48.75; SOWS ALL WEIGHTS 41.00-46.75.

BOARS: HEAVY 36.75-38.00.

FEEDER PIGS: BY THE HEAD, 15-25 LBS. 24.00-35.00; 35-50 LBS. 39.00-53.00.

SHEEP: EWES AND BUCKS 14.00-16.00.

LAMBS: MEDIUM, ALL WEIGHTS, 42.00-47.00.

GOATS: BY THE HEAD, LARGE 65.00-85.00; SMALL MEDIUM 27.50-63.00.

NOTE: SALE EVERY TUES. EVE. 5 P.M. RABBITS, POULTRY AND EGGS 7 P.M. LIVESTOCK. HAPPY THANKSGIVING.

Dewart Livestock

Dewart, Pa.
November 19, 1990
Report Supplied by PDA

COMMON STEERS: 60.00-72.00
HEIFERS: 60.00-74.75.
GOOD COWS: 47.00-55.00
CANNERS AND CUTTERS 42.00-47.00.
VEAL: 90-190 LBS. 70.00-135 00, 70-90 LBS. 45.00-70.00.
HOGS: 49.00-51.25.
SOWS: 45.00-48.00.
FEEDER PIGS: TOO FEW TO QUOTE.

Good's Hay

Leola, Pa.
Wed., Nov. 21, 1990
Report Supplied by Auction

75 LOADS.
ALFALFA: 96.00-159.00.
MIXED HAY: 72.00-135.00.
TIMOTHY: 100.00-140.00.
STRAW: 62.00-97.00.
CORN: 70.00-108.00.
OATS: 1.65-2.15 BU.

HORSE SALE
MONDAY, NOV. 19
5 HEAD TOP TROTTERS FROM OHIO CONSIGNED BY Ben K. Stoltzfus

NEW HOLLAND SALES STABLES INC.
THE ACTION AUCTION

SPECIAL FEEDER CATTLE SALE
FRI. EVE. NOV. 23
7:00 P.M.

LIVESTOCK IS OUR ONLY BUSINESS

MONDAY

SLAUGHTER HOGS

EARLY BIRD HOG SALE
7:30 A.M.
Sell Your Hogs At New Holland Sales Stables, Inc. See them weighed, sold and pickup your check.

10:00 AM
HORSES MULES

1:30 PM
BEEF SALE

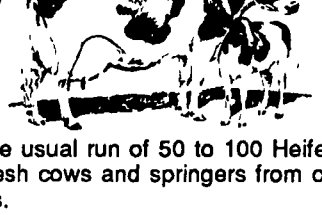
SHEEP

CALVES

WEDNESDAY

DAIRY **11:00 AM** COWS
COW SALE 12:00 NOON

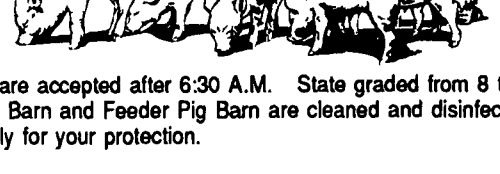
HEIFERS



BULLS

We have the usual run of 50 to 100 Heifers, all ages.
Loads of fresh cows and springers from our regular shippers.
Also some local fresh cows and springers.

1:30 P.M.
FEEDER PIG SALE

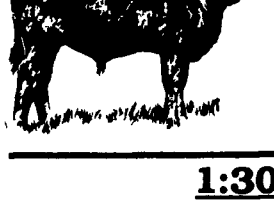


Pigs are accepted after 6:30 A.M. State graded from 8 to 12 Dairy Barn and Feeder Pig Barn are cleaned and disinfected weekly for your protection.

THURSDAY

Beef Auction
10:00 A.M.

BULLS
STEERS
BEEF COWS



STOCKERS & FEEDERS

1:30 P.M.

GOATS
CALVES

NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster Off Route 23, New Holland, Penna.

MANAGERS
Norman & David Kolb - 717-397-5538

Field Representatives
Luke Eberly - 215-267-6608 738-1865
Homer Eberly - 215-267-3047

Sale Barn Officer Manager
Roger Floyd - 717-354-4341

Order Buyer
Paul Good - 215-445-6662

Feeder Pig Representative
Mel Hoover - 717-354-8397

Central U.S. Carlot

Pork Report
Nov. 20, 1990
Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3 P.M.

COMPARED TUESDAY'S 3:00 P.M. CLOSE: FRESH PORK LOINS AND BOSTON BUTTS WEAK TO 4.00 LOWER, SKND HAMS WEAK TO 10.00 LOWER; SDLS BELLIES WEAK TO 1 50 LOWER. DEMAND AND MOVEMENT HEAVY WITH LOWER PRICE LEVELS FOR PROMPT SHIPMENT AND LATE WEEK SHIPMENT STEADY TO WEAK ON MODERATE SUPPLIES.

LOADS PORK CUTS 111.0
LOADS TRIM/ PROCESS PORK
PORK CUTS 26.5
LOINS, REG., FRESH

14-18 LBS.*, 16.5 LOADS, PRICE RANGE 90.00-104.00, WGHTD. AVG. 98 09.

¼" TRIM, 14-18 LBS., 16.5 LOADS, RANGE 105.00-125.00, WGHTD. AVG. 117.41.

18-22 LBS.*, 4 LOADS, RANGE 92 00-95.00, WGHTD. AVG. 93.25.

¼" TRIM, 18-22 LBS., 4 LOADS, RANGE 110.00-114.00, WGHTD. AVG. 111.00.

LOIN, BLS CTRCT

0.5 LOADS, RANGE 243.00, WGHTD. AVG. 243.00.

BNLS SIRLOIN

.75-1 LB., RANGE 155.00, WGHTD. AVG. 155.00 E.

TNDRLN, MUSCLE-OFF

0.5 LOADS, RANGE 317.00, WGHTD. AVG 317.00.

BOSTON BUTT

4-8 LBS. * 3.5 LOADS, RANGE 78 00-80.00, WGHTD. AVG. 78.86.

¼" TRIM, 4-8 LBS., 3.5 LOADS, RANGE 94.00-99.00, WGHTD. AVG. 95 86.

COMBOS 8/UP LBS., RANGE 80.00, WGHTD. AVG. 80.00 B.

SPARERIB, FRESH

1.5-3.5 LBS., 1 LOAD, RANGE 103.00, WGHTD. AVG. 103.00.

3.5-5.5 LBS., 4 LOADS, RANGE 86.00, WGHTD. AVG. 86.00.

5.5/UP LBS., RANGE 69.00, WGHTD. AVG. 69.00 E.

SPARERIBS, FROZEN

1.5-3.5 LBS., RANGE 108.00, WGHTD. AVG. 108.00 B.

3 5-5.5 LBS., RANGE 85.00, WGHTD. AVG. 85 00 D.

LOIN BACKRIB (BOXED)

FRESH/FRZN 1.5/DN LBS. RANGE 285.00, WGHTD. AVG. 285.00 D.

FRESH/FRZN 1.75/DN LBS., RANGE 246.50-258 00, WGHTD. AVG. 254.17 D.

FRESH/FRZN 1.75-2 25 LBS., RANGE 215.00, WGHTD. AVG. 215.00 A.

HAM, SKINNED, FRESH

14-17 LBS., 4 LOADS, RANGE 108.00, WGHTD. AVG. 108.00.

17-20 LBS., 15 LOADS, RANGE 91.00-96.00, WGHTD. AVG. 91.93.

20-26 LBS , 48 LOADS, RANGE 68 00-80.00, WGHTD. AVG. 75.38.

26-32 LBS., 1 LOAD, RANGE 75.00, WGHTD. AVG. 75.00.

32 LBS. UP, UNQUOTED.

BELLY, SDLS
SKIN-ON, FRESH

10-12 LBS., UNQUOTED.

12-14 LBS., 1.5 LOADS, RANGE 61.50, WGHTD. AVG. 61.50.

14-16 LBS., 1.5 LOADS, RANGE 61.50, WGHTD. AVG. 61.50.

16-18 LBS., 2 LOADS, RANGE 57.00, WGHTD. AVG. 57.00.

18-20 LBS., 5 LOADS, RANGE 52.00-56.00, WGHTD. AVG. 52.80.

20-25 LBS., 3 LOADS, RANGE 50.00-51.00, WGHTD. AVG. 50.33.

PORK TRIMMINGS/
BONELESS PROCESSING PORK
(CHEMICAL LEAN)

COMBO 42% FRESH, 4 LOADS, RANGE 29.00, WGHTD. AVG. 29.00.

BOXED 42% FROZEN, RANGE 35.00, WGHTD. AVG. 35.00 B.

COMBO 72% FRESH, 2.5 LOADS, RANGE 71.50-72.00, WGHTD. AVG. 71.90.

BOXED 72% FROZEN, 6 LOADS, RANGE 79.00-81.00, WGHTD. AVG. 80.17.

BONELESS PICNIC MEAT

COMBO 72% FRESH, 5 LOADS, RANGE 75.50-76.00, WGHTD. AVG. 75.80.

BOXED 72% FROZEN, 6 LOADS, RANGE 79.00-82.00, WGHTD. AVG. 80.83.

SKINNED JOWLS

COMBO FRESH, 1 LOAD, RANGE 25.00, WGHTD. AVG. 25 00.

BOXED 72% FROZEN, 2 LOADS, RANGE 27.00-28.00, WGHTD. AVG. 27 50.

NOTE: (*) REFLECTS ¼" TRIMMED PRODUCT BROUGHT BACK TO A REGULAR COMMODITY BASIS. ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

PORK CARCASS CUTOUT
TUESDAY, NOV. 20

ESTIMATED GROSS CUTOUT VALUES OF A 175 LB. HOG CARCASS BASED ON USDA CUTTING YIELD TESTS AND CARLOT PRICES. WEDNESDAY'S CARCASS GRADES AND PRICES PER CWT.:

US#1 73.38, CHANGE FROM TUESDAY'S VALUE -1.35; US#2 71.13, CHANGE -1.30; US#3 68.88, CHANGE -1.24; US#4 66.63, CHANGE -1.19.

TODAY'S CALCULATIONS FOR US#2 175 LB. PORK CARCASS:

HAM, SKINNED, 14-20 LBS., 21.01% OR CARCASS, 92.00 FOB VALUE, CHANGE FROM TUES. -3.00; LOINS, ¼" TRIM, 14-22 LBS., 20.33% OF CARCASS, 116.00 FOB VALUE, CHANGE FROM TUESDAY -2.50.

BELLIES, SDLS, 12-14 LBS., 13.90% OF CARCASS, 61.50 FOB VALUE, CHANGE -0.75; SPARERIBS, 3.5DN LBS., 3.03% OF VALUE, 103.00 FOB VALUE, CHANGE -2.00.

PICNICS, 8-12 LBS., 10.31% OF CARCASS, 51.50 FOB VALUE; BUTTS, ¼" TRIM 4-8 LBS., 7.25% OF CARCASS, 95.75 FOB VALUE, CHANGE 0.25.

JOWL, 2.85% OF CARCASS, 24.00 FOB VALUE; NECKBONES, 1.52% OF CARCASS, 18.00 FOB VALUE, CHANGE -1.00.

FEET, 1.05% OF CARCASS, 20 00 FOB VALUE; TAILS, .22% OF CARCASS, 52 00 FOB VALUE.

TRIM 72%, 2.19% OF CARCASS, 72.00 FOB VALUE; LARD, 10.85% OF CARCASS, 13.25 FOB VALUE.

TOTAL CARCASS %. .94.51%

US#2 CARCASS VALUE PER CWT=71.13.

NOTE: VALUE MAY CHANGE WITHOUT ADEQUATE TEST.

Oklahoma City Feeder Cattle Summary

Oklahoma City, Okla.
Wednesday, November 21, 1990

WEEKLY CATTLE SUMMARY COMPARED TO LAST WEEK'S CLOSE: FEEDER STEERS OVER 600 LB. STEADY; STEER CALVES UNDER 600 LB. FIRM TO $2.00 HIGHER. FEEDER HEIFERS AND HEIFER CALVES STEADY WITH EXCEPTION OF 700-800 LB. FIRM TO $1.00 HIGHER. TRADE WAS ACTIVE MONDAY AND UNDER GOOD DEMAND FOR ALL CLASSES. QUALITY OF OFFERINGS GOOD. CLOSING PRE-HOLIDAY TRADE TUESDAY ON LIGHT NUMBERS WAS A DULL LACKLUSTER AFFAIR WITH LESS QUALITY OFFERED AND MOST BUYERS CONTENT TO FILL PREVIOUS LOAD STARTS AND AWAIT NEXT WEEK BEFORE STARTING NEW BUSINESS. SLAUGHTER COWS $1.00-$1.50 HIGHER. SLAUGHTER BULLS $.50-$1.00 HIGHER. PACKER DEMAND CLOSED FAIR AT BEST WHICH IS UNDERSTANDABLE WITH HOLIDAY TOMORROW. RECEIPTS THIS WEEK 7,350; LAST WEEK 12,536; LAST YEAR 5,274. SUPPLY INCLUDED 50% YEARLINGS, 42% CALVES, AND 8% COWS & BULLS. BULK PRICE RANGES FOR THE WEEK FOLLOW:

FEEDER STEERS: MEDIUM AND LARGE FRAME 1, 350-400 LB. $114 00-$119.50; 400-500 LB. $106.00-$115.00, 500-550 LB $98.00-$107.00, 550-600 LB. $95.00-$101.50; 600-700 LB $90.50-$96.25; 700-750 LB $92.00-$95.00, 750-800 LB $89 00-$94.00. LARGE FRAME 2 HOLSTEINS, 375-400 LB. $96.50-$97 00, 450-525 LB. $86.00- $89 00; 600-800 LB $72.00-$74.25; 875 LB. $70 50.

FEEDER HEIFERS: MEDIUM AND LARGE FRAME 1, 300-350 LB. $104 00-$111 00; 350-400 LB $98.50-$105 50; 400-450 LB. $96.00-$102.50; 450-500 LB. $93.00-$98.00; 500-550 LB. $89.00-$93.50; 550-600 LB. $86.50-$90.50; 600-750 LB. $84.00-$88.00.

SLAUGHTER COWS: CUTTER, BONING AND BREAKING UTILITY Y.G. 1-4 AVERAGE DRESSING $47.00-$48.00; HIGH DRESSING $49.00-$52.25; LOW DRESSING $42.50-$44.50. CANNER AND LOW CUTTER OVER 750 LB. $43.00-$46.50, UNDER 750 LB. OR FULL $35.25-$39.75.

SLAUGHTER BULLS: Y.G. 1 1250-2000 LB. AVERAGE DRESSING $58.50-$61.50; HIGH DRESSING $61.50-$63.75; HIGH DRESSING/HIGH BONING $63.50-$65.50. Y.G. 1-2 1200-2000 LB LOW DRESSING OR FAT $55 50-$58.50.

FEEDER COWS: 700-800 LB HEIFERETTES $72 00-$75.00; YOUNG COWS 800- 1000 LB $61 00-$66 50, YOUNG TO MID AGE 1000-1200 LB $53.50-$59.50

Peoria Sheep

Peoria, IL
Nov. 20, 1990

SHEEP: 100 TRADING MODERATE. COMPARED WITH LAST TUESDAY SLAUGHTER LAMBS STEADY.

SLAUGHTER LAMBS: CHOICE AND PRIME 105-120 LBS. 42.00-43.00; 85-100 LBS 38.00-40.00

Some markets not available due to the holiday

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1990-91 SPECIAL SALES

SAT. NOV. 24	9:00 A.M.	Toys, Crafts, Gifts, & Tools
WED. EVE. DEC. 5	6:00 P.M.	Stand-Up Dealers Auction Of Pine Furniture And Craft Starts. Box Lots.
FRI. DEC. 7	9:00 A.M.	All-Day Consignment Auction Of Antiques, Antique Furniture and Household Items. Your consignments welcome.
SAT. DEC. 15	9:30 A.M.	Real Estate and Household Goods at 2108 Lyndell Drive, 2 Miles East Of Lancaster Just South Of Route 23 For Esther V. Kolb, Owner. (On The Premises).
1991 SAT. FEB. 16	10:00 A.M.	Mules and Farm Equipment ½ Mi. Northwest Of Little Britain For Amos F. Miller (On The Premises)
TUES. FEB. 19	9:00 A.M.	Livestock And Farm Equipment Located ¼ Mile South Of Nickle Mines, 1 Mile North Of Rt. 896 From Georgetown, Lanc. Co. For Mrs. Jonas King And Reuben B. Fisher (On The Premises)
TUES MAR. 5	9.00 A.M.	Dairy Cows and Farm Equipment 3 Miles South of Strasburg Along Eisenberger Road for Levi S. Fisher (On The Premises)
SAT. MAY 4	9:00 A.M.	Large Collection of Toy Trains and Toy Railroad Items From 1940's To Present. Many Hard To Find Pieces For Gary Martin, Owner.

NOVEMBER 1990

S	M	T	W	T	F	S
-	-	-	-	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	-

DECEMBER 1990

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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	-	-	-	-	-

FEBRUARY 1991

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17	18	19	20	21	22	23
24	25	26	27	28	-	-

MARCH 1991

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17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	-	-	-	-	-	-

MAY 1991

S	M	T	W	T	F	S
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5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	-

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THE OLD FARMER'S ALMANAC

NOV. 26-DEC. 2, 1990

Full Cold Moon, Dec. 2.

Nov 28, 1895, J Frank Duryea wins America's first automobile race, averaging 7 miles per hour round-trip from Chicago to Evanston, Ill , in his gasoline-driven car Nov 29, 1890, first of the Army-Navy football games is won by Navy, 24-0, at West Point

Dec 1, 1955, Mrs Rosa Parks is arrested in Montgomery, Ala , for refusing to give up her bus seat to a white man *There is no medicine to cure fear*

Ask the Old Farmer: I want to soak pine cones in a chemical solution that will make them burn various colors Can you tell me what solution to use? C M , N Y

Soak the cones in a solution of Epsom salts and water Then dry them out, they should give you the colors you want

Home Hints Use ordinary catsup to clean copperware Rinse and dry right away

OLD FARMER'S WEATHER FORECAST

New England: A day of clear and cold, then another wintery blast with freezing rain and snow Clearing to end the month December comes in with light snow

Greater New York-New Jersey: Starting cold, then becoming more seasonable, but turning colder again to finish November December begins cloudy and cold

Middle Atlantic Coastal: November ends in typical fashion, first rain, then cloudy and cold December brings flurries, sprinkles in the south, and turning colder

Piedmont & Southeast Coastal: Cold air and light rain begin the week Rain increases, heavy in the east, to end the month December begins sunny and cool

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Eighty-Four Livestock

Eighty-Four, PA

Nov. 19, 1990

CATTLE 416...PDA...Compared with two weeks ago market: Choice slaughter steers 75.00-77.50, Select 69.50-74.00, Standard 63.00-68 00, few Utility 57.00-59.00; Holsteins; Select (few) 64.00-66.00. Choice sl. heifers 73.00-77.75, Select 66 50-71.50, Standard 58.50-64, Utility 49.00-55.50. Breaking Utility & Commercial sl. cows 49 00-53.50, high yielding 55.00, one 57.00, Cutter & Boning Utility 46 00-50.00, Canner & Low Cutter 38.00-45.50, Shells down to 12.00. Yield Grade No. 1, 1000/1900 lbs. sl. bulls 53.00-63.00, No. 2, 900/1300 lbs 48.50-54.00. Feeder Cattle: Medium & Large Frame No.1, 240/320 lbs. steers 90.00-110.00, 350/550 lbs. 75.00-93.00small lot Large No. 1, 420 lbs. 95.00. Medium and Large Frame No.1, 300/500 lbs. heifers 72.00-82 00, 240/300 lbs. 80.00-85.00. Medium & Large Frame No. 1, 300/530 lbs. bulls 79.00-85.00, small lot Medium No. 2, 785 lbs. 63.00, Small No 1, 385/550 lbs. 64 00-74.00.

CALVES 227...Few Choice vealers 100 00-116.00, few Good 91.00-97.00, Standard & Good 90/120 lbs. 54.00-67.00, 60/85 lbs. 43.00-55.00. Farm Calves: Hol. Bulls #1, 90/130 lbs. 100.00-135.00, No. 2, 70.00-105.00; Hol. Heifers 90/120 lbs. 90.00-124.00. Beef cross 80/120 lbs. bulls and heifers 60.00-114.00.

HOGS 105...US No. 1-3 230/265 lbs. barrows and gilts 48.00-49.50, 1-3 217/267 lbs. 46.50-47.75, few 2-3 210/230 lbs. 45.00-46.00, 1-3 155/200 lbs. 43.00-44.00. US No. 1-3 400/650 lbs. sows 46.00-49.25. Boars 36.00-41.00.

FEEDER PIGS 24...US No. 1-3 30/42 lbs. feeder pigs 22.00-39.00 --- per head.

SHEEP 144...High Choice & Prime 80/105 lbs. sl. lambs 49.00-51.00, small lot 75 lbs. 61.50; Good & Choice 60/70 lbs. feeder lambs 48.00-60.00. Slaughter sheep 13 00-23.00.

GOATS 11. .Large 50.00-53 00, few Medium 33 00-41 00 --- all per head

Mercer Livestock Auction

Mercer, Pa.

Tuesday, November 20, 1990

Report Supplied by PDA

CATTLE 304...PDA...Compared with last weeks market: Slaughter steers .50 higher; Cows 1.50 to 2.00 higher. Choice slaughter steers 77.00-81.00, Select 72.00-77.25; Holsteins· Choice 73.00-75.50, few Select 67.00-69 00, Standard 63.00-69.00. Choice 74 20-77.00, one High Choice 80.50, Select 68.50-74.00, Standard 60.00-65.50. Breaking Utility & Commercial sl. cows 48.50-54.00, Cutter & Boning Utility 44.50-50.00, Canner & low Cutter 37.50-45.00, Shells down to 19.00. Yield Grade No. 1, 1200/1700 lbs sl. bulls 53.00-68.00. Feeder Cattle Medium No. 1, 325/500 lbs. steers 70.00-74.00, couple 260 lbs. 80.00, Holsteins 750/820 lbs. 55.00-61.00; Medium #1, 350/550 lbs. heifers 63.00-75 00, 600/800 lbs. 57.50-64.00. Medium Frame No. 1, 400/550 lbs. bulls 70.00-74.00

CALVES 104...Standard and Good 90/120 lbs. vealers 55.00-64.00, 60/85 lbs 44.00-56.00. Farm Calves: No. 1, Holstein Bulls 90/130 lbs. 95.00-130.00, No 2, 70.00-95.00. Hol. Heifers 90/120 lbs 105 00-140 00. Beef cross 85/115 lbs bulls and heifers 75.00-112.00.

HOGS 129.. Barrows and gilts fully 2.00 lower. US No. 1-2 215/250 lbs 48.00-49.75, lot 51 10, 1-3 220/260 lbs 46.75-48.10, few 2-3 230/255 lbs 45 50-46.00, few 2-4 211/325 lbs 43 60-44 35. One US No 1-3 320 lbs 52.00, few 2-3 300/450 lbs. 44.00-47 00 One Boar 31.00

FEEDER PIGS 10...Lot US No 1-3, 30 lbs. feeder pig 18.00 - per head.

SHEEP 5...Couple Utility 63 lbs. 19 00 Few Slaughter sheep 7.00-15.00 - all cwt

GOATS 0... --- all per head.

Valley Livestock

Athens, Pa.

Monday, Nov. 19, 1990

Report supplied by auction

HOLSTEIN HEIFER CALVES TO 140 00

VEAL CALVES TO 90 00

VEALER BULL CALVES TO 140 00

SLAUGHTER CALVES 70 00 AND DOWN

GRASSERS & FEEDERS 50 00-70 00

LAMBS 40 00-50 00

SHEEP 12 00-20 00

HOGS 200 TO 250 LBS 52 00-56 00

SOWS 38 00-45 00

BOARS 32 00-43 00.

PIGS 10.00-30 00.

HEIFERS 46.00-57 75.

STEERS, NO TOP STEERS.

FEEDER STEERS 55 00-78 00.

BULLS 46 00-62 00

COWS 46 00-50 00, FEW TO 53 00

COWS MEDIUM 40 00-44 00

COWS POOR OR SMALL 38 00 AND DOWN

CATTLE MARKET SOME HIGHER

CALF MARKET STEADY

HORSES, NO GOOD ONES.

GOATS 25 00-75 00.

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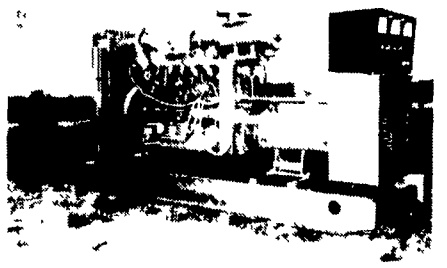

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Virginia Cattle & Hogs

Virginia Weekly

Richmond, Va.
Wednesday, November 21, 1990

WEEKLY REVIEW IN VIRGINIA MARKETS IN REVIEW; NOV. 15-21, 1990. FEEDER STEERS AND HEIFERS IN VIRGINIA WERE MOSTLY STEADY TO $2.00 HIGHER AS MIDWEST PRICES WERE $1.50-3.75 LOWER NO SLAUGHTER CATTLE SALES WERE REPORTED IN VIRGINIA BUT MIDWEST PRICES WERE $1.00-2 00 HIGHER.

COWS AND BULLS IN VIRGINIA WERE STEADY TO $1.00 HIGHER FOLLOWING MIDWEST PRICES WERE ALSO STEADY TO $1 00 HIGHER. BEEF PRODUCTION WAS LESS THAN 1 % ABOVE A WEEK AGO BUT 5% BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 6 POUNDS HEAVIER THAN A YEAR AGO

LAMB PRICES IN VIRGINIA WERE $1.00-6.00 LOWER AS MIDWEST PRICES WERE STEADY TO $1 00 LOWER. LAMB PRODUCTION WAS 2% ABOVE A WEEK AGO BUT 4% BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 3 POUNDS LIGHTER THAN A YEAR AGO.

SLAUGHTER HOG PRICES IN VIRGINIA WERE $2 00 LOWER AS MIDWEST PRICES WERE $2.00-2 25 LOWER. FRESH PORK PRICES WERE MOSTLY $1.00-12.00 LOWER WITH SOME STRENGTH SHOWN ON LOINS HOG PRODUCTION WAS LESS THAN 1% ABOVE A WEEK AGO BUT 9% BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 1 POUND LIGHTER THAN A YEAR AGO.

THE VIRGINIA DIRECT HOG MARKET NOV. 15-21,1990 RECEIPTS FOR THE DIRECT HOG MARKET IN VIRGINIA FOR THE PERIOD TOTALED 3,107 HEAD COMPARED TO LAST WEEK 3,039 HEAD. THE SOUTHEAST VIRGINIA HOG MARKET CLOSED $2.00 LOWER COMPARED TO LAST WEDNESDAY'S TRADING WITH BARROWS AND GILTS: COUNTRY POINTS LOCAL PLANT DELIVERED (30 MILE RADIUS) US 1-3 220-240 LBS 47.00-47.50 48.50-49.50 US 3-4 220-240 LBS 47.00-48.00 US 1-3 200-220 LBS 43.00-46.00 US 2-4 250-270 LBS 43.00-46.00 US 3-4 270-300 LBS 40 00-41.00 SOWS $35.00-44.50 AND BOARS $35.00. VALLEY AND NORTHERN VIRGINIA HOGS; 744 HEAD FOR THE PERIOD. US 1-3 210-250 LBS $48.00-50.00.

SLAUGHTER STEERS AND HEIFERS 0%; SLAUGHTER COWS 14% SLAUGHTER BULLS 1%, SLAUGHTER CALVES AND VEALERS 0%, FEEDER CATTLE UNDER 600 LBS 64%, OVER 600 LBS 21%.

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS SLAUGHTER CATTLE STEERS; NO PRICES REPORTED. HEIFERS, NO PRICES REPORTED. SLAUGHTER COWS UTILITY & COMMERCIAL COWS 44.00-58.00 SLAUGHTER BULLS BULLS - 1-2 900-1300 LBS 52.50-62.50 1-2 1300-1600 LBS 52.00-67.50 1-2 1600 LBS & OVER 53 00-65 00 SLAUGHTER CALVES AND VEALERS VEALERS - HIGH CHOICE & PRIME 100-250 LBS --- GOOD AND CHOICE 100-250 LBS --- CALVES - GOOD AND CHOICE 250-500 LBS 62 50-73 00 SLAUGHTER LAMBS HIGH CHOICE & PRIME 95-125 LBS 39 00-47 00 SLAUGHTER HOGS US 1-3 200-250 LBS 45.00-48 00 SOWS US 1-3 300-500 LBS 42 00-46 00 500 LBS & OVER 43 25-48 00.

FEEDER CATTLE STEERS; MEDIUM 1 HEIFERS: MEDIUM 1 200-300 LBS 98 00-116 00 300-400 LBS 82.00-92 00 300-400 90 00-105.00 400-500 79.00-92.00 400-500 91.00-104.00 500-600 70.00-83.00 500-600 80 00-94 00 600-700 70 00-84.00 600-700 75 00-88.00 700-800 67 00-77.50 700-800 74.00-87.00 800-900 64.50-69.50 800-900 70 50-85.00.

Southwest Virginia Livestock

Wytheville, VA
Nov. 20, 1990

SLAUGHTER CATTLE 59 HEAD - NO TRENDS REPORTED

SLAUGHTER COWS 55 HEAD COWS CUTTER & BONING UT. 1-3 43.00 - 45.50 BREAKING UT. & COMM. 2-4 45.25 - 50.00 CANNER AND LOW CUTTER 1-2 38.25 - 43.75

SLAUGHTER BULLS 4 HEAD BULLS Y.G. 1-2, 1300-1600 LB. 55.00 - 57.00

LAMBS TOTAL RECEIPTS 68 HEAD - NO TRENDS REPORTED SLAUGHTER LAMBS 32 HEAD WOOLED CHOICE AND PRIME, 95-125 LB. 40.00 CHOICE, 85-125 LB. 37.50 FEEDER LAMBS 8 HEAD FEEDER LAMBS CHOICE AND FANCY, 60-70 LB. 43 00 EWES & RAMS 28 HEAD EWES ALL GRADES 16.50 - 17.50

FEEDER CATTLE 337 HEAD - NO TRENDS REPORTED. STEERS MEDIUM 1 SMALL 1 MED & LARGE 2 300-400 92.00-100.00 - - 400-500 93 00-97.00 - 90 00- 94.00 500-600 89.00- 93.50 76.00- 89 00 72.00- 77.00 600-700 81 00-86 00 76 00- 80.00 - 700-800 72 00- 79.00 - - HOLSTEIN STEER MED & LARGE 2 500- 700 66.00- 74.50

HEIFERS MEDIUM 1 SMALL 1 MED & LARGE 2 300-400 78.00- 83.00 - 82.00-87.00 400-500 75.00- 80.00 - - 500-600 75.00 65.00- 73.00 67.00- 69.00 600-700 - 65.00- 67.00 66.00- 75.00 BULLS MEDIUM 1 300-400 75.00- 84.

00 BABY CALVES RETURNED TO FARMS 29 HEAD NEWBORN TO 4 WK OLD $80.00-195.00 PER HEAD.

N. Virginia Livestock

Marshall, VA
Nov. 20, 1990

SLAUGHTER CATTLE 277 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 265 HEAD COWS CUTTER & BONING UT. 1-3 47.00 - 57.00 BREAKING UT. & COMM. 2-4 49.00 - 58.00 CANNER AND LOW CUTTER 1-2 43.00 - 48.50

SLAUGHTER BULLS 12 HEAD BULLS Y.G. 1-2, 900-1300 LB. 51.00 - 56.50 Y.G. 1-2, 1300-1600 LB. 53.00 - 60.00 Y.G. 1-2, 1600 LBS. & OVER 50.00 - 60.00

FEEDER CATTLE 293 HEAD - NO TRENDS REPORTED. STEERS MEDIUM 1 LARGE 1 SMALL 1 300-400 90.00-103.00 - 90.00 400-500 85.00-88.00 88.00 84.00 500-600 80.00- 83.00 - 78.50- 79.00 600-700 74.00- 80.25 - - 700-800 74.50- 76.75 - - 800-900 75.50-78.75 70.50- 74.50 - HOLSTEIN STEER MED & LARGE 2 700- 900 57.00- 61.50

HEIFERS MEDIUM 1 LARGE 1 SMALL 1 300-400 70.00- 71.00 76.00-82.00 65.00- 68.00 400-500 70.00 70.00-80.00 63 50- 65.00 500-600 67.50- 74.00 68 00- 72.00 61.00- 64.50 600-700 69.00-71.00 - - BULLS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 200-300 - - - - 300-400 97.50 - 81.00- 84.00 - 400-500 79 50- 81.00 - 76 00 - 500-600 - - 67 00-70.00 - BABY CALVES RETURNED TO FARMS 12 HEAD NEWBORN TO 4 WK OLD $30.00-80.00 PER HEAD. OVER 100 LBS $40.00-70 00 PER CWT.

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Lancaster Farming

OPINION

Autumn Finishes Year

The Autumn season finishes the year,
Hangs harvest moon in cooler atmosphere
Grain ripens, wheat and oats leap into shocks,
We hasten toward the last year's equinox
For Winter hides behind a northern sky,
Floats in each wavering wind that flurries by
Thanksgiving time, corn hurries toward the barn,
As ice forms isles on meadow-brook and tarn
At borderland of every fertile field,
Marauding crows peck at remaining yield
Of grain dropped by machine or man, unseen...
They chatter as they sweep the furrows clean.
Apples, like small, red worlds, plunge down the night
On orchards, in mounds beautiful and bright
Fall changes little as the years go by,
The prairie folk are glad ... and so am I,
For every single blessing gives a reason
That we rejoice at this Thanksgiving season!

Stella Tremble,
Lycoming Co. Extension,
Home & Family Notes

Farm Calendar

Saturday, November 24
Montgomery Co. DHIA banquet, 4-H Center, 6:45 p.m.

Sunday, November 25

Monday, November 26
Buck Season Starts!

Tuesday, November 27
Three-day course on insects, disease, and weeds of trees and shrubs, Penn State Great Valley, 8:30 a.m.-4:30 p.m., thru Nov. 29.

Wednesday, November 28
Three-day course on insects, disease, and weeds of trees and shrubs, Penn State Great Valley, 8:30 a.m.-4:30 p.m., thru Nov. 29.

Thursday, November 29
1990 Southern Maryland Crops Conference, Fire Hall, Mechanicsville, Md.
Northampton Co. DHIA/Holstein Association annual meeting and banquet, Stockertown Memorial Hall, 7 p.m.
Three-day course on insects, disease, and weeds of trees and shrubs, Penn State Great Valley, 8:30 a.m.-4:30 p.m.

Friday, November 30
Pa. Holstein Milk, Fat and Protein Production Contest entry deadline.
York Co. Cooperative Extension annual meeting, Seven Valleys Fire Hall, Seven Valleys, 6:30 p.m.

Saturday, December 1
69th National 4-H Club Congress, Hilton Towers, Chicago.
Deadline for 5 percent savings on membership dues, Pa. Holstein Association.

Sunday, December 2
Maryland Farm Bureau annual meeting, Sheraton Hotel, Ocean City.
Waldorf Winter Fair, Susquehanna Waldorf School, Marietta, 12 p.m.-6 p.m.

Monday, December 3
Tioga Co. Lamb Pool, Tioga Co. Fairgrounds, 8 a.m.
Dauphin Co. 73d annual meeting, Dauphin Co. Ag and Natural Resources Center, 6:30 p.m.

Tuesday, December 4
York Co. Milking School, York Co. Extension Office, 9:30 a.m.-3 p.m.
Potter Co. DHIA annual meeting, Penn York.
Agronomy Ag-Service Schools for Eastern Pa., Bradford Co. Extension Office, Towanda, 9:15 a.m.-3:30 p.m.

Wednesday, December 5
York Co. Milking School, York Co. Extension Office, 9:30 a.m.-3 p.m.
Legal and Financial Issues of Farmland Preservation, Brandywine River Museum, Chadds Ford, 9 a.m.-1 p.m.

(Turn to Page A24)

NOW IS THE TIME

By Jay Irwin
Lancaster County
Agricultural Agent

To Plan Work Schedules In Layer Houses

If you are planning to work with your layers, such as applying a miticide to control lice or mites or do any noisy repairs to the feeders, fans or waterers ... this work should be done in the afternoon. The reason for this is -- it's after the hen has laid her egg for the day, and she is a lot less susceptible to injury and damage to the future eggs. Your everyday chores won't upset them because they are accustomed to them, but these unusual conditions can upset their regular cycle.

Just a word on the number of birds per cage. It may seem like a good idea to add one extra bird per cage, but this could lower your hen-housed production. There are a number of density experiments and they all show a lowered production per hen when you add that extra hen.

To Control Weeds In Alfalfa

Have you been bothered with some of the winter time weeds such as chickweed or Shepherds purse in your alfalfa stands? If so, now would be a good time to apply a herbicide to knock out these weeds. Too many alfalfa growers wait until they see a heavy growth of these weeds and then think of spraying.

All weeds are easier to kill when small and before they choke out the alfalfa plants. The period between Thanksgiving and Christmas is excellent for applying herbicides to alfalfa stands. The material to use will vary with the age of the stand and whether or not any grass is there as a companion crop. We suggest that growers refer to the Agronomy Guide, or to their local pesticide dealer for suggestions relating to materials. The important thing is to do the spraying while the weeds are small.

To Observe Withdrawal Time

The use of drugs and antibiotics are needed in many cases to protect the health of livestock, poultry and dairy animals. Their use is quite common in many farm operations. However, the misuse of these materials is where trouble can start. When these items are administered to animals or poultry, the owner should read the label for directions relating to withdrawal periods for milk cows or time between treatment and slaughter for meat. It's only good common sense that these regulations be followed. To short-cut the period of time is only jeopardizing the product and the entire farming business. Don't take chances with our valuable food products. Also, keep accurate records of all treatments. In case excess tolerance is found, it might save time and money.

To Prepare For A Safe Deer Hunt

The first two rules of safe hunting are -- be seen and make sure of your target. Hunter or blaze orange worn on the head, front and back will distinguish a hunter from any other object in the woods. Pennsylvania law requires hunters to wear this very visible color which can be seen at great distances. In addition to wearing the bright color, avoid hiding in thick brush. Most hunting accidents occur when one hunter does not see or recognize another hunter as a person. Before you raise a firearm, identify the target beyond any doubt. Check to make sure that the entire line of fire is clear of other hunters, livestock or buildings. Let's have a safe hunting season.

Farm Forum

Editor:

A friend of mine has for years given me his old Lancaster Farming papers. Years ago I had admired and envied the farming life, though I do little now it's still the only way of life.

The reason for this letter is to get your help or information on a pressing problem facing everyone. I work for a large corporation (General Motors) in Martinsburg, W.Va. There at our plant we have a great amount of wooden skids that we crush and send to landfills. Landfills are filling up and we are trying to recycle our waste. We generate mountains of cardboard which we shred and sell, all metal we sell, and in plant papers, soda cans, etc. are now being collected and being donated to charities locally. But our waste wood is a problem, at one time we suggested buying a skid chipper but we still would have to discard the chips to landfills. My question is what can we do with our wood.

It seems such a waste of a natural resource as wood, and it is a shame this can not be of use to some one. Could you please help me with any information you may have.

Robert W. Weaver

Editor's Note: Anyone with ideas for Mr. Weaver may send them to the editor of Lancaster Farming, and they will be forwarded.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

ON FEEDING SHEEP

November 25, 1990

Background Scripture:
Ezekiel 34: 1-16.
Devotional Reading:
Psalms 146

This passage, Ezekiel 34, can be read on three different levels.

First of all, it can be read as a stinging condemnation of the leaders of Israel in exile. Likening them to shepherds, God lists a long bill of particulars against them; they have fed themselves instead of their flocks, they have not protected the weak, the crippled and the sick, nor have they made any attempt to bring back those who have strayed. In every department, they have ignored their flocks.

We might well make the same accusations against some of our political and religious leaders today: they feed themselves and not their flocks. Whatever it is that they are about, the welfare of their constituents does not occupy much of their attention. Clergymen may spend so much of their time in building churches that they have little left over for tending their flocks.

GOD AS SHEPHERD

As surely as Ezekiel 36 is a stinging critique of Israel's leaders — and perhaps even ours — so it is also a beautiful passage representing God's care for his own flock. "I myself will search for my sheep, and will seek them out" (36:11). He will nourish the people of Israel and help those who are afflicted: "I will seek the lost, and I will bring back the strayed, and I will bind up the crippled, and I will strengthen the weak, and the fat and the strong I will watch over; I will feed them in justice" (34:16). It is a striking image and one which Jesus utilized in his own ministry.

There's a third way to look at Ezekiel 34: as a challenge to each of us. This passage's initial appeal rests on its assurances of what God will do for us. But it can also stir us to see it as a call to do something for someone else. If God is like a shepherd to his flock and if Jesus is the Good Shepherd, shouldn't those of us who strive to follow him adopt this same shepherd's roll?

NOT FED MY SHEEP

Isn't this the kind of ministry to which Jesus called his disciples — seeking the lost, binding up the crippled, strengthening the weak, and watching over the prosperous. As Jesus is our Good Shepherd, so we are called to be good shepherds to others. That means more than including them in our prayers, and wishing them well. Essentially, it means feeding sheep, ministering to the deepest material and spiritual needs of those in need.

Let it not be said of our day as it was of Ezekiel's, "Because there was no shepherd..."

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Everett R Newswanger — Managing Editor

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COUNT ON CARGILL!

Research studies show...

Some corn hybrids better for silage

The choice of which hybrid to plant for corn silage can have a significant impact on dairy herd profitability.

Recent research shows that dairy producers who select corn silage hybrids based on both quality and yield could save up to 25 cents per cow per day in purchased feed costs. For a 100-cow herd, averaging 6,000 pounds of milk a day, that translates into an annual savings of $8,600.

"For the past several years we have been evaluating our hybrid lineup for important corn silage traits," says Jim Beck, Forage Quality Program Manager for Cargill Hybrids Seeds. "This research took place at Cargill facilities, universities and on the farms of cooperating growers

"Initially we discovered the answers to some simple questions, such as the tallest hybrid doesn't always produce the most tonnage per acre We found that tonnage yields between two hybrids can differ from one to six tons per acre, even within the same maturity range.

"As research continued, it became quite apparent that factors such as crude protein, energy and fiber digestibility are highly variable among corn hybirds," notes Beck. "These factors can have a big impact on livestock performance."

The university portion of this research, which helped evaluate these quality traits, used a sophisticated in vitro rumen fermentation method of testing The process involves the use of live ruminant microbial fluid to measure digestibility traits among corn hybrids.

Big differences in hybrids.

Extensive research found differences among hybrids of up to 20 percent in crude protein, 15 percent in energy and 30 to 45 percent in fiber digestibility These differences are very repeatable from year to year

"That means dairy producers now have much more information concerning the characteristics of corn silage hybrids and can select for traits that are most important to them," says Beck.

For example, high fiber digestibility is very important for top performance during early lactation. And high protein levels are more critical at times when supplemental protein prices are extremely high

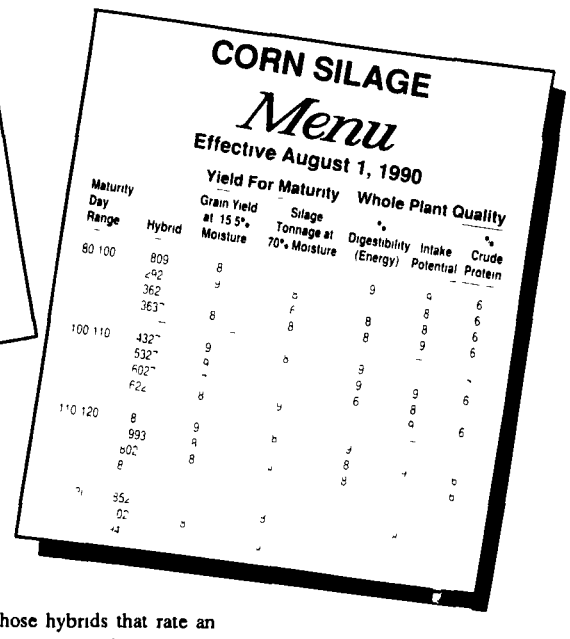
Since there are repeatable differences in protein and energy from low to high levels in the hybrids that were tested, dairy producers now have the potential to realize major economic benefits

In addition, dry matter intake can be higher with forages with highly digestible fiber, which can result in higher milk production

"The screening process to select the best hybrids from corn silage continues," says Beck "The result of this research is our exclusive Menu, which is designed to aid customers in product selection The corn silage Menu for dairy cows emphasizes important traits such as grain yield, silage tonnage, digestibility, intake potential and crude protein Likewise, the Cargill beef cattle Menu focuses on traits important to beef producers, such as whole plant digestibility (TDN), percent grain content and whole plant crude protein

"Cargill sales representatives are encouraged to use the Menu format to assist customers in selecting products to help them make more money," concludes Beck.

A Menu You Can Count On



Which corn hybrids have the genetic potential to contribute traits important to top dairy production?

At Cargill Hybrid Seeds a new program is helping answer that question

On-going research rates, on a scale of one to nine, the ability of our products to provide characteristics important to livestock.

This rating system, similar to other characteristic ratings such as disease resistance, assigns a score of nine to the very best, down to one, the poorest.

Only those hybrids that rate an eight or nine in at least one important quality trait are included in the menu (our current menu, effective August 1, 1990, is shown above). Hybrids not rated an eight or nine in a key trait are rejected

This continuing process, which allows only the best hybrids to remain on the dairy menu, is designed to aid in product selection.

Researchers will continue to screen our hybrids to help ensure that we always have a menu you can count on

If you're a dairy producer or farm supply dealer interested in learning more about our continuing research program, call this toll-free number

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We will schedule an appointment with a Cargill representative to show you a 12-minute video that explains the program in more detail and answers your questions

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Cumberland Valley Cooperative Chambersburg, PA Mechanicsburg, PA Newville, PA Longsdorf, PA Shippensburg, PA

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Central & Southeast Virginia Livestock

Lynchburg, VA
Nov. 19, 1990

SLAUGHTER HOGS 5 HEAD - NO TRENDS REPORTED BARROWS AND GILTS US 1-3, 200-250 LB 45.00 SOWS US 1-3, 500 LBS. & OVER 45 75

SLAUGHTER CATTLE 92 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 83 HEAD COWS CUTTER & BONING UT. 1-3 44.00 - 51 00 BREAKING UT & COMM. 2-4 45 00 - 52 25 CANNER AND LOW CUTTER 1-2 40.00 - 44.00

SLAUGHTER BULLS 9 HEAD BULLS Y G. 1-2, 900-1300 LB. 57.00 - 61.00 Y.G 1-2, 1300-1600 LB. 57.00 - 65.75 Y.G. 1-2, 1600 LBS & OVER 60.00

FEEDER CATTLE 541 HEAD - FEEDER STEERS STEADY TO $2.00 HIGHER. STEERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 200-300 100 00-116 00 - - 94 00-109 00 300-400 90 00- 97.00 - 75.00- 85.00 85.00- 95.00 400-500 90.00- 96.00 94.00- 98 00 74.00- 82 00 82.00- 91.00 500-600 85 00- 92 00 90 00- 94 00 73.00- 79 00 77 00- 85.00 600-700 78.00- 85 00 - 70 00- 75.00 75.00- 80.00 700-800 74 00- 77 00 - - 70.00- 73.00 800-900 69 00- 74.00 - - - HOLSTEIN STEER MED & LARGE 2 300- 500 77.00- 78 00 500- 700 72.25 700- 900 65.00- 70 75 900-1100 58 75- 62.75

HEIFERS MEDIUM 1 SMALL 1 MED & LARGE 2 200-300 84.00- 85 50 - - 300-400 82.00- 87.50 68.00- 71.00 72.00- 80.00 400-500 75.00- 82.00 65.00- 69.00 68.00- 75.00 500-600 73.00- 79.00 62.00- 68.00 66.00- 73.00 600-700 72.00- 78.00 - 64.00- 70.00 700-800 66.00- 73.00 - - 800-900 69.50 - - BULLS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 200-300 95.00-105 00 100.00-116.00 - 91.00- 97.00 300-400 85.00- 95.00 - 70.00- 76.00 75.00- 85.00 400-500 83.00- 90.50 - 72.00- 77.00 73.00- 82.00 500-600 80.00- 86.00 - 70.00- 77.00 75.00- 81.00 600-700 68 00- 72.00 - - - COWS WITH CALVES AT SIDE 5 PAIR; M&L-1, 5-8 YR OLD 800-1100 LBS WITH CALVES 95-275 LBS $550 00-870 00 PER PAIR. BABY CALVES RETURNED TO FARMS 4 HEAD NEWBORN TO 4 WK OLD $80.00-92.50 PER HEAD.

********** THE FOLLOWING ARE STATE GRADED FEEDER CATTLE *********

STATE GRADED FEEDER CATTLE 138 HEAD SOLD AT LYNCHBURG, VA. ON NOV. 19, 1990

STEERS MED &LARGE 1 MED & LARGE 2 300-400 95 50- 97 00 90 00 400-500 96.00- 98.00 94.00- 95.00 500-600 92 00- 94 25 - 600-700 80 00- 85 00 - 700-800 73 00- 74 50 - 800-900 74.00 -

HEIFERS MED &LARGE 1 MED & LARGE 2 300-400 80.00- 87 50 - 400-500 75.50- 82.00 79.50- 82.00 500-600 72.50- 79.00 - 600-700 78.00 - ********** END OF STATE GRADED FEEDER CATTLE *********

Peoria Cattle

Peoria, IL
Nov. 21, 1990

COMPARED WITH LAST MONDAY SLAUGHTER STEERS AND HEIFERS MOSTLY 1.00 HIGHER. AT THE AUCTION SLAUGHTER COWS 2.00 TO 3.00 HIGHER. SLAUGHTER BULLS 1.00 TO 2.00 HIGHER. FEW SALES OF FEEDER CATTLE MOSTLY STEADY. SUPPLY MAINLY SELECT TO AVERAGE CHOICE SLAUGHTER STEERS AND HEIFERS WITH ABOUT 15% COWS.

RECEIPTS THIS WEEK ABOUT 1200 AS COMPARED WITH 1424 A WEEK AGO AND 1457 A YEAR AGO.

SLAUGHTER STEERS: CHOICE 2-4 1050-1350 LBS. 78.50-81.00 MIXED SELECT & CHOICE 2-3 1000-1300 LBS. 75.00-78.50 SELECT 2-3 900-1200 LBS. 72.00-75 00

HOLSTEINS: MOSTLY CHOICE 2-3 1200-1250 LBS. 73.00

SLAUGHTER HEIFERS: CHOICE 2-4 950-1200 LBS. 77 00-79.00 CPL PART LOADS 80.00 MIXED SELECT & CHOICE 2-3 900-1100 LBS. 74.00-77.00 SELECT 2-3 800-1100 LBS. 71.00-74.00

COWS. BREAKING UTILITY AND COMMERCIAL 2-4 50 00-56 50 CUTTER AND BONING UTILITY 1-3 49.50-54 50 CANNER AND LOW DRESSING CUTTER 1-2 42.00-48.50

BULLS: YG 1-2 1350-2165 LBS. 57 25-66.75 MOSTLY 61.00-63.50

FEEDER CATTLE: FEEDER STEERS: MEDIUM AND LARGE FRAME #2 525-750 LBS. 82 00-87.50 FEW 800-1050 LBS. 72.75-77.50 FEEDER HEIFERS: FEW MEDIUM AND LARGE FRAME #2 500-650 LBS. 80.00-82.75

Graded Feeder Cattle Sale Keister's Livestock Auction

Middleburg, Pa.
Friday, November 19, 1990
Report Supplied by Auction

421 HEAD.

STEERS: HIGH CHOICE AND PRIME 82.00-84.50, CHOICE 78.00-83.75; GOOD 74.00-77.75; STANDARD 65.00-73.75.

HOLSTEIN STEERS: CHOICE 72.75-76.75; GOOD 68.00-72.50; STANDARD 64.00-67.76.

HEIFERS: CHOICE 78.00-83.25; GOOD 74.00-77.75; STANDARD 70.00-73.75.

COWS: UTILITY AND COMMERCIAL 50.00-56.75, FEW 57.85; CUTTER AND BONING UTILITY 49.00-57.50; CANNER AND LOW CUTTER 44.00-48.75; SHELLS DOWN TO 41.00.

BULLOCKS: CHOICE 72.00-76.25; GOOD 68.00-71.75.

BULLS: YG#1 1200-2085 LBS. 58 50-65.75; YG#2 800-1200 LBS. 55.00-58 25

FEEDER STEERS: 350-750 LBS. 68.00-89.00.

CATTLE HEIFERS: 350-700 LBS. 62.00-78.00.

BULLS: 350-750 LBS. 60.00-86.00.

CALVES, VEALERS: CHOICE 90.00-111.00; GOOD 60-90 LBS. 45.00-60.00; STANDARD AND GOOD 90-110 LBS. 60.00-75.00.

FARM CALVES: HOLSTEIN BULLS 90-125 LBS. 100.00-138.00; HEIFERS 90-120 LBS. 90.00-144 00.

HOGS: BARROWS AND GILTS SELECT #1 220-250 LBS. 50.50-52.75; US#1 AND 2 220-250 LBS. 49.00-50.50; US#2 AND 3 200-250 LBS. 48.00-49.00, US#2 AND 4 190-200 LBS. 45.00-48.00, FEW HEAVY 54.00.

SOWS: US#1-3 280-650 LBS 45.00-48.50, FEW 52.00; US#2-3 270-600 LBS. 40.00-45.00.

BOARS: 36.00-37.00.

FEEDER PIGS: 427 HEAD. US#1-3 20-35 LBS. 23.00-35 00; US1-3 35-50 LBS. 35.00-56.00.

Isennock Auction

New Park, PA
Monday, Nov. 19, 1990
Report supplied by auction

SLAUGHTER COWS: GOOD 51.00-55 50; LOW TO GOOD 49.00-50 00 LOW AND SHELLS 47.00 AND DOWN

VEAL CALVES 120-140 LBS 90.00-101.00; 105-115 LBS. 90.00-105 00, 90-100 LBS. 79.00-100.00, 75-85 LBS 50.00-70.00; WEAK AND ROUGH 57 00 AND DOWN.

FEEDER CATTLE, HEIFERS: 390-430 LBS. 64.00-65.50; 625-800 LBS 57 00-63.00.

BULLS: 290-510 LBS. 61 00-72.00, 1 AT 1810 LBS. 55.75

SOWS: 260-485 LBS. 47.00 AND DOWN.

BOARS: 370-575 LBS. 34.50-35.00

GOATS: LARGE 58.00-64.00 HEAD, MEDIUM 25.00-42.00 HEAD; KIDS 13.00-16.00 HEAD.

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- 3 (New) 1,200 head capacity

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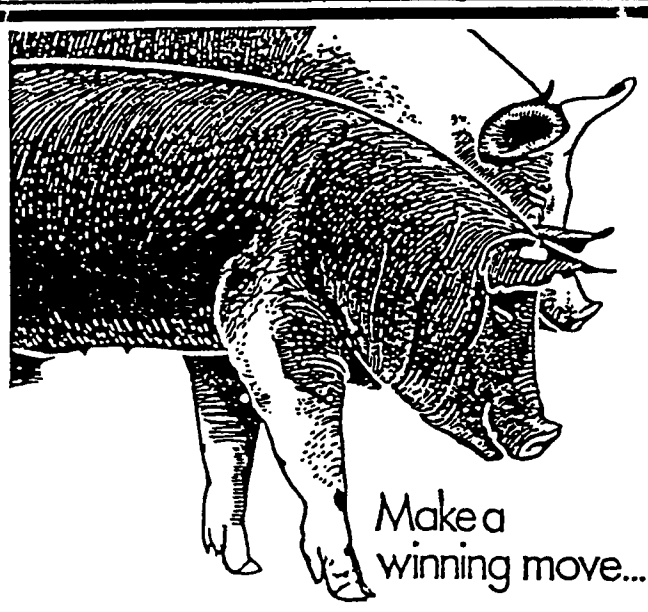

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Phila. Vegetables

Nov. 20, 1990

CLEAR 37-51.

ARTICHOKES ABOUT STEADY CA ctn 48s 25.00 CHILE lug 18s & 36s 24.00-26.00.

ASPARAGUS ABOUT STEADY CHILE 12-lb crt & ctn bchd 12s exlge, lge & std 30 00-32.00 PERU 11-lb crt bchd 12s lge 30.00.

BEANS SUPPLIES LIGHT FL bucrts Round Green type 22 00.

BEETS STEADY NJ crt bchd 12s 5.00 topped bubkt few 9.00 FL & TX crt bchd 12s 7 00.

BROCCOLI SLIGHTLY LOWER CA ctn bchd 14s 13.00-15.00 mos 15.00 few hgr lse crowns 17.00-20.00 TX ctn bchd 14s 11.00-12.00 18s 12.00.

BRUSSEL SPROUTS ABOUT STEADY CA 25-lb ctn 20.00.

CABBAGE SLIGHTLY LOWER 1-3/4 buctn & crt med green unless otherwise stated NJ 4.50-5.00 mos 5.00 Savoy type 5.00-6.00 PA 5.00 few high as 6.00 NC 6.00-8.00 few 8.50 few 5.00 Savoy type 7.00 NY 6.00-7.00 50-lb sks lge 3-3.50 Red 7.00. 50-lb sks 5 50 CANADA Red 7.00.

CARROTS ABOUT STEADY 48-1 lb film bags in film sacks CA med-lge 13.00 few 14.00 CANADA med-lge 9.00-10.00 50-lb sacks loose jumbo CA 10.00-12.00 CANADA 7.00-8.00 mos 8.00 miniature type FL ctn 20-12 oz film bags 5.00-6.00.

CAULIFLOWER LOWER CA ctn film wrpd 12s 16.00-18.00 few 19.00 occ hgr 16s few 15.00-16.00 FL ctn film wrpd 12s 14.00 16s 12.00.

CELERY ABOUT STEADY CA ctn 2-2-1/2 doz 13.00-15.00 occ hgr few 12.00 3 doz 13.00-14.00 few 15.00 few 12.00 Hearts film wrpd 18s 12.00 few 16.00.

CHINESE CABBAGE FL celery crt 9.00 CA 50-lb ctn Nappa few 14.00.

CORN STEADY FL wirebound crt approx 4-1/2 doz Yellow 12.00 White 14.00-15.00.

CUCUMBERS LOWER 1-1/9 bucrts & ctns waxed medium unless otherwise stated FL Wide range in price 9.00-11 00 some 12.00 some 8.00 one lot very few high as 14.00 ord-fair cond 4.00-6.00 fair qual 6.00-8.00 poor cond few .75 sml 7 00-8.00 few 6.00 GA ord qual 4.50-5.00.

DAIKON CA 20-lb ctn few 11.00.

EGGPLANT LOWER FL bu & 1-1/9 buctn med incl wrpd 10.00-12.00 mos 10.00 fair qual few 8.00- 9.00 GA 1-1/9 bucrt & ctn med fair qual 6.00 wrpd 8.00-10.00 sml 8.00-9 00.

ENDIVE LOWER FL 1-1/9 bucrt 7.00-8.00 mos 7.00 CA ctn 24s few 11.00 BELGIUM 10-lb ctn Witloof type 17.00-17.50 few 20.00.

ESCAROLE STEADY FL 1-1/9 bucrt 7.50-8.00 mos 8.00.

GARLIC New Crop CA 30-lb ctn per lb Super Colossal 1.10 Colossal .92- 1.00 Super jbo .90-1.10 Jumbo .87.

GREENS ABOUT STEADY crt & ctn approximately 1-1/2 bu bchd unless otherwise stated NJ Collards 5.00-6.00 Turnip Tops, Mustard & Rape 5-5.50 Kale 5.50-6.00 NC Mustard, Turnip Tops & Rape 7.00 PA Collards, Mustard, Turnip Tops, Kale & Rape 6.00 VA Collards 5.00 Mustard, Turnip Tops & Rape 5-5.50 Kale 5.00 FL Dandelion 9.00 TX 24s Dandelion & Swiss Chard 10.00 CA 20-lb ctn Broccoli Rabe one label incl lse 33.00 MEXICO 20-lb ctn Broccoli Rabe 25.00.

LEEKS STEADY NJ crt bchd 12s 8.00.

LETTUCE ICEBERG ABOUT STEADY ctn 24s unless otherwise stated CA 12.00-14.00 film wrpd 14.00 30s 11.00- 12.00 AZ 13.00 ROMAINE LOWER CA 24s ctn 15.00-18.00 crt 20.00-21.00 few 22.00 FL ctn 24s 10.00 few 13.00-14.00 BIG BOSTON CA ctn 24s 13.50-14.00 FL ctn 24s 8.00 few 9.00 BIBB FL flat ctn 24s 8.00-9.00 LEAF CA ctn 24s 11.00-12.00 few 13.00 Red 11.00-12.00 FL crt 24s 8.00.

MUSHROOMS STEADY PA 4-qt bkt med-lge 5-5.50 sml-med 4-4.50 10-lb ctn med 9-9.75 mos 9.25 lge 11.00-11.50 mos 11.25-11.50 packages 10-12 oz 9-9.50 3-lb ctn Shiitake 17.00-18.00 fair qual 10.00-12.00.

OKRA SUPPLIES INSUFFICIENT TO QUOTE.

ONIONS-GREEN LOWER ctn bchd 48s MEXICO 16.00-18.00 mos 18.00.

PARSLEY ABOUT STEADY bchd 5 doz Curly unless otherwise stated FL crt incl Plain 11.00-12.00.

PEAS-GREEN NO SUPPLIES.

PEAS-SOUTHERN SUPPLIES INSUFFICIENT TO QUOTE.

PEAS-SUGAR LOWER 10-lb ctn per lb GUATEMALA 1.50-1.70 mos 1.60.

PEPPERS LOWER 1-1/9 bucrts & ctns Calif Wonder type Green unless otherwise stated FL Wide range in price exlge 12.00-14.00 mos 14.00 few 15.00 lge 10.00-12.00 some 8.00-9.00 med 8.00-10.00 mos 8.00-9.00 few 6.50-7.00 fair cond low as 6.00 TX exlge 13.00 med 8.00.

RADISHES STEADY FL ctn Red 30-6 oz film bags 2.50-3.50 mos 3-3.50 14-1 lb film bags 2.75- 3.75 White 24-8 oz film bags 5.00 NY ctn Red 30-6 oz film bags 3.00 MEXICO ctn Red bchd 24s 7.00.

RHUBARB NO SUPPLIES.

RUTABAGAS STEADY CANADA 50-lb ctn CD#1 waxed med 8 00.

SPINACH ABOUT STEADY NJ Savoy type bubkt 7.00-8.00 1-1/4 bucrt bchd 5.00-6.00 CA Flat type ctn bchd 24s 10.00-12 00 occ 13.00.

SQUASH ZUCCHINI SLIGHTLY LOWER, OTHERS ABOUT STEADY 1/2 buctns unless otherwise stated FL Zucchini sml-med 13.00-15.00 mos 14.00 med 10.00-12.00 Yellow Straightneck sml-med 13.00-15.00 mos 15.00 med 12.00 CA 26-lb ctn Zucchini sml-med 16.00-17.00 NJ 1-1/9 bucrt Acorn med 5.00 NY 1-1/9 bucrt Butternut 5.00.

SWEET POTATOES ABOUT STEADY NC 40-lb ctn US#1 Jewel type med 7.00 cured 6.75-7.50 mos 7-7.50 fair qual 4.00-5 00 lge 4.00-5.00 NJ 1/2 buctn uncured Yellow Jersey 7.00-8.00 fair qual 4.50-5.00 mos 4.50 Red Jersey 12.00 fair qual 7.50-8.00.

TOMATOES BEST HIGHER, OTHERS ABOUT STEADY 25-lb ctn Pink to Light Red 85% or better US#1 unless otherwise stated FL 5x6s few 12.50-13.00 6x6s 9.00-10.00 Red 8.00 fair qual 5x6s 9.00-10.00 few 11.50-12.00 6x6s 7.00-8.00 mos 7.00 few 6.00 6x7s 4.00-5.00 mos 5.00 viner- ipe 5x6s 10 00 6x7s 6.00-7.00 CA 5x6s fair cond 11.00 6x6s fair cond 8.00 REPACKED LOCALLY CA & FL 5x6s 14.50 6x6s 12.50 6x7s 11.00 PLUM TYPE TOO FEW SALES TO QUOTE CHERRY TYPE flats 12-1 pint trays FL 6.00-7.00 CA 6.00 MEXICO 6.75-7 00.

TURNIPS Topped PA 25-lb film bags sml-med 5 00.

VEGETABLES-OTHER SUPPLIES INSUFFICIENT TO QUOTE.

WATERCRESS FL ctn bchd 24s 10 00

Kutztown Produce Auction

Fleetwood, PA
10 a.m. Nov. 20
Report Supplied by Auction

APPLES: 2.00-4.00 ¼ BU.

CABBAGE: .15-.40 HEAD; RED 4.50 BAG.

CAULIFLOWER. MED. TO LGE. 42- 85 HEAD, SM. 15- 32 HEAD

CIDER· .50 ½ GAL , 1 00 GAL

POTATOES· NEW WHITE 95 10 LBS , 3.75-5 25 50 LBS

TURNIPS· 1 20-2 50 ½ BU

SALE DAYS NEXT WEEK ARE TUESDAY, 10 A M ON DEC 1, CHRISTMAS CRAFT SALE AT 10 A M

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GARST SEED COMPANY

Phila. Potato & Onion

Nov. 20, 1990

CLEAR 37-51.

ONIONS-DRY ABOUT STEADY 50-lb sacks US#1 or generally good qual and cond new crop Yellow unless otherwise stated ID-OR Spanish Hybrid colossal 800 jumbo 700-750 White jumbo 20.00-22.00 mos 20.00 few 19.00 25-lb sks Red lge 7-750 mos 700 med 600 UT Spanish Hybrid type colossal 775-800 jumbo 725 CO jumbo 7-750 mos 725 WA Spanish Hybrid type jumbo 675-700 some 725 NV Span- ish hybrid type White jumbo one label 28.00 NY Globe type medium 400-500 mos 450-500 few 550-600 sml 250-300 20-2 lb mesh sks med 600 25-lb White boiler few 14 00 Red sks med-lge & lge 550-650 few 700 med 400-500 sml 300-400 MI Globe type 25-lb sks Red med-lge 500.

POTATOES ABOUT STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated ROUND WHITES new crop NYLI 525-550 fair qual 275-300 lge 650-700 mos 650 baled 10-5 lb paper sks 7-725 5-10 lb paper sks 6-625 NY baled 10-5 lb paper sks 7-775 5-10 lb paper sks 675 CANADA CD#1 Prince Edward Isle 525-575 lge 650-750 New Brunswick 500 ROUND REDS new crop MN/ND 850-900 mos 900 fair appear 750-800 sz B 12.50-13.00 mos 13.00 NY sz B fair appear 10.00-10.50 RUSSETS 50-lb ctn count new crop unless otherwise stated ID 70s 12.00-13.00 80s 12.00-13.00 mos 12.00 some 11.50 90s 10.50- 12.00 mos 11.00 100s 900-11.00 mos 950-10.00 Baled 10-5 lb film bags non sz A 850-900 mos 850-875 100-lb sks 10 oz mm US#2 13.00 WI incl Norkotah 70s 900 fair qual 600-800 80s 900 fair qual 600-700 90s 800 few 750 fair qual 650 100s 700 fair qual 600 10 oz mm US#2 500 100-lb sks 10 oz mm US#2 900 baled 10-5 lb film bags non sz A 675 CANADA CD#1 Prince Edward Isle 80s 10.00 90s 850-900 100s 750-800 baled 10-5 lb film bags 675 Norkotah 80s 900 90s 800 100s 700.

Leola Produce Auction

Leola, PA

Nov. 20, 1990

Report Supplied by Auction

APPLES: 2.75-5.50 ¼ BU. MIXED VARIETY.

BROCCOLI: 6.00-9.75 12-14 CT.

CABBAGE: GREEN .25-.37 HEAD, 2.00-3.00 CRATE; RED, BY THE HEAD, .10-.15, 1.50-2.50 CRATE.

CAULIFLOWER: .65-1.50 HEAD.

ENDIVE: 12.00-16.00 CRATE.

ONIONS: 11.00-13.00 40 CT. BUNCH, DRY 3.50-6.50 ¼ BU.

POTATOES: 3.50-4.50 50 LBS. US#1.

SWEET POTATOES: 5.00-10.00 1 1/9 BU.

RADISHES: 10.00-12.50 40 CT. BUNCH; WINTER RADISH 1.00-2.00 25 LB. POLYBAG.

RED BEETS: 2.50-3.50 15 CT. BUNCH; LOOSE 2.50-4.50 BU.

SPINACH: 7.00-10.00 BU.

TOMATOES: 8.00-12.00 SMALL TO LARGE, 25 LBS.

TURNIPS: 3.75-5.50 25 LBS. POLYBAG.

SQUASH: ACORN AND BUTTERNUT AND VEG. SPAGHETTI 1.50-4.00 1 1/9 BU.

FINAL SALE DAYS FOR THE SEASON ARE TUES., NOV. 27 AND THURS., NOV. 29.

ATTENTION TOBACCO GROWERS

GOLDEN LEAF TOBACCO COMPANY, INC. as in years past, will be a major purchaser of 609 tobacco again this year. We are very excited about the coming marketing season and expect to be in the area the first week in December. If you have any questions, please contact Golden Leaf Tobacco Company, or one of our buyers.

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Bird In Hand, Pa.
717-656-9306

Aaron Miller
Bird In Hand, Pa.

Mac Bailey
President
717-768-3074/
804-736-9604

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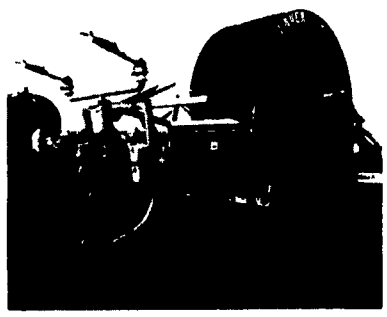

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New Store Hours
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- 7000 Planters
- 2500 Plows
- F350 Hydraulic Reset Plows
- Cultivator Parts
- Grain Drills
- Trip Plows
- Disc Harrows
- Cultipackers and Roller Harrows (John Deere and Brillion)
- 35 and 3800 Harvesters
- Grain Platform
- Combine Corn Head

This is a partial listing. Please call for availability even if your machine is not listed.

TRACTORS:
JD 2040 Diesel....$6,950
JD 4040 Power Shift, Sound Guard, 2300 Hrs., Sharp....$26,600
JD 4440 Quad Range, Sound Guard, Sharp....$27,500
JD 4240 PS, Sound Guard....$27,500
JD 675B Skid Steer Loader, Nice....$9,750
Bobcat 643 Diesel Skid Steer Loader....$8,750
JD 90 Skid Steer Loader, 600 Hrs....$4,350

COMBINES & PICKERS:
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 818 combine, sharp
JD #343 3 Row 30" Corn Head....$3,650
(2) JD 443 Corn Heads....ea. $4,650
JD 4400 Diesel Rotary Screen Combine, Auto Header Heights, Air, Monitor, 23.1x26, and VS Feeder House
JD 6600 Diesel Side Hill Hydro Combine, Auto Header Heights, 28L Tires, Nice....$21,750
JD 653 6 Row 30" Bean Head....$4,450
JD 300 Corn Picker w/2 Row Wide Head
JD 4420 Combine, Loaded, Nice
JD 13' Quick Tach Rigid Grain Head....$1,850
JD 300 Corn Husker....$4,500
JD 213 Rigid Grain Head w/Pickup Reel....$3,650

HAY & FORAGE EQUIPMENT:
JD 1 Row, Row Crop Attachment, Nice....$550
JD 5½ ' Pickup Attachment
JD 2 Row 30" Row Crop Attachment
JD 24T Baler w/Ejector....$1,450
NH 1010 Bale Wagon....$4,350
NH 268 Baler w/Ejector
JD 1209 Mower Conditioner....$3,650
JD 24T Baler w/#30 Ejector....$2,850
NH #499 12' Hydraulic Haybine....$7,350
JD 336 Baler w/#30 Ejector....$5,850

PLANTERS & GRAIN DRILLS:
JD 8300 21x7 DD Drill....$4,200
JD 8350 23x7 Drill w/Grass And Gang Press Attach., Nice....$5,800
JD 7000 No-Till Planter, Liquid Yetter, Counters, Monitor, Nice....$8,750
JD 7200 4 Row Planter, Sharp....$9,500
(2) ea. JD 8000 18x7 Drills w/Tandem Hitch, DD w/Grass....Both For $7,950
JD 24B 2 Row Planter Unit....$750
JD Model B 14x7 Double Disc Drill....$1,450

CULTIPACKERS
Brillion 10' w/Big Shaft....$950
Brillion 3' Section 28' Packer....$2,450
Brillion 12' Packer, Big Shaft....$1,150
JD 10' Packer....$1,050
(1) ~~12~~ Each Brillion 12' Packers w/Transport....each $1,250
Brillion 12' w/Big Shaft....$1,250
Brillion 14' Transport Packer....$1,850
Brillion 12' Packer w/Transport....$1,850
1 Set Brillion 4' Packer Pups....$650

PLOWS-MOLDBOARD AND CHISEL:
JD 7B 2500 Plow....$3,950
JD F350 5-16" Hyd. Reset Plow....$2,350
JD 1450 6-16" Semi-Mtd. Plow....$2,250
Brillion 9 Tooth V Ripper....$2,650
JD 4-16" F325 Auto Reset Plow....$1,250
JD 2500 7x18" On-Land Plow....$5,400
JD 1B Roll-Over Plow....$1,250
IH 7 Tooth 3 Pt. Chisel....$1,275
IH 9 Tooth Pull Type Chisel....$1,850
JD 1450 4x16 Semi-Mtd. Plow....$2,250
JD 2700 6B Auto Reset On-Land Plow....$7,450
JD 10 Tooth Pull Type Chisel....$1,850
JD 2500 4x18" Auto Reset Plow....$3,950
JD 2700 4x18" Auto Reset Plow....$5,850
JD 2600 5x18" Auto Reset Plow....$6,450
JD 3200 6x18" Pull Type Auto Reset Plow....$3,950
JD 1600 17 Tooth Hydraulic Fold Chisel w/Walking Tandem....$4,350
JD 2500 5x18" Auto Reset Plow....$3,950
(New) JD 12' Chisel w/Walking Tandem....$3,450

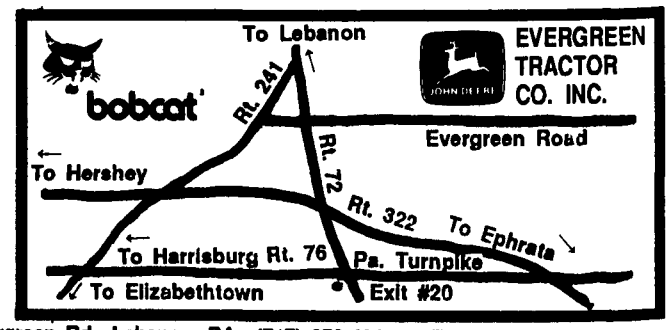
DISCS AND FIELD CULTIVATORS
JD 12' TWA Plowing Disc....$3,250
Kewanee 12' Rock Flex Disc....$2,450
Kewanee 800 Rock Flex Plowing Disc 12'....$2,950
Brady 18' Folding Field Cultivator....$2,150
JD 12' Field Cultivator w/Harrow....$1,450
JD 210 14' Black Gang Disc....$3,850
JD #220 18' Center Fold Disc....$4,150
IH 475 20' Hydraulic Wing Disc....$4,350
JD 230 27' Wing Fold Disc w/New Blades....$7,850
JD BWF 12' Disc....$1,850

ROW CROP CULTIVATORS & ROTARY HOES
JD 4 Row Front Mount Cultivator For 3020....$1,550
JD RM 4 Row Cultivator....$1,275
JD RM 6 Row Cultivator....$1,650
JD RM 4 Row Narrow Cultivator....$1,275
JD 20' Rotary Hoe, Like New....$2,350

MISCELLANEOUS:
Bobcat 909 backhoe....$5,750
NH 352 Grinder-Mixer....$2,450
JD 37 Loader, All Hydraulics For Utility....$1,850
Donahure Implement Trailer....$1,850
JD 45 Loader for 2 Cylinder Tractor....$750
Transcraft 42' Drop Deck Trailer, Air Ride, Nice....$8,500
Ag Teck Pre-Seed....$3,250
400 Bu. Gravity Wagon With Auger....$2,500
200 Bu. Gravity Wagon....$1,250
PTO Corn Sheller on Wheels....$650
Bobcat 907 Backhoe....$4,750
Fruehauf 20' Steel Dump Trailer, Single Axle, For Grain....$1,850

ROLLER HARROWS AND CULTIMULCHERS
JD F950 15' Roller Harrow, Nice....$3,650
IH #315 12' Roller Harrow....$2,850
Brillion 15' Cultimulcher....$3,250
Brillion 15' Roller Harrow....$3,850
Kewanee 20' Flat Fold Roller Harrow....$5,950

Coming In...
JD #30 Hydraulic Bale Ejector
JD 4425 Combine, Nice
JD 27 6 Row Stalk Shredder
NI 2 Row Wide w/12 Roll Bed
JD 14' Packer w/Transport
JD 444 4 row wide corn head
JD F125 3-16" Plow
IH 464 utility tractor



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

Phila. Fruit Market

Nov. 20, 1990

CLEAR 37-51.

GRAPEFRUIT ABOUT STEADY FL 4/5 buctn Red 23-32s 11.00 36s 9.00-11.00 40s 11.00 48s 9.00 56s 7.00 fair qual 32-40s 7.00 48s 6.50-7.00 White 32s 8 50-9.00 36s 8.50 48s 8.00 56s 6.50-7.00 Indian River Red 23-32s 12.00-12.50 32s 12 00 36s 11.50-13.00 mos 11.50-12.25 40s 10.00-12.00 mos 11.00-11.50 48s 9 50-11 00 mos 10.50 56s 7.00 fair qual 23-56s 7.50 White 18s 10.50 23-72s 11.50 32-40s 10.50 48s 7.50 Star Ruby 23-27s 16.00 32s 15.00 36s 13.50-14.00.

LEMONS ABOUT STEADY CA ctn 115s 15.50 200s 13.50 fair qual 75s fair cond 8.00 95s 14.00-14.50 fair cond 8.00-10.00 115s 14.00-16.00 fair cond 10.00-12.00 140s 12.00- 13.00 165s 12.00-13.00 200s 11.50-12.00 fair cond 8.00 AZ ctn 165s 14.00 fair qual 95s 16.00 115s 13.50-16.00 140s 15.00-16.00 few loas 12.00 165s 12.00-14.00 mos 13.00.

LIMES STEADY 10-lb ctn Persian Seedless type FL 42-63s 5.00 MEXICO 54s 5.00.

MISCELLANEOUS CITRUS SPAIN 10-kilo crt Clementine 98s 28.00 168s 25.00.

ORANGES ABOUT STEADY CA ctn Navel 56s 18.00-18.50 72s 16.00-17.50 mos 16.50-17.00 one label 18.00 88s 14.50-15.50 mos 14.50-15.00 few 16.00 113s 13.00-14.00 one label 14.50 138s 9.00-12.00 fair qual 56s 14.50-15.00 72s 13.50-14.00 mos 14.00 few 14.50 88s 12.50-13.00 mos 13.00 113s 11.50-12.00 mos 12.00 few 12.50 138s 10.00-10.50 FL 4/5 buctn Hamlin 64-80s 10.00-10.50 100s 8.50-9.50 mos 8.50-9.00 some 8.00 125s 7.50-8.50 mos 8.00 Navels 40s 9-9.50 48s 9.00-10.00 some 11.00 56s 9.50-10.00 mos 10.00 some 11.00 64s 9.50-11.50 mos 10.00 some 12.00 80s 9.00-11.00 100s 8.00-9.00.

TANGELOS ABOUT STEADY FL 4/5 buctn Orlando 64s 13.00 80s 12.00-13.00 100s 11.00-12.00 mos 11.00 125s 7.50-8.50 one label 10.00 Nova 80s 14.50 100s 12.50.

TANGERINES CA HIGHER, FL STEADY FL 4/5 buctn & crt Sunburst 80s 24.00 180s 14.00-16.00 Dancy 100s 23.00 120s 21.00-24.00 180s 14.00-18.00 Robinson 120s 26.00 150s 21.00 180s 18.50 CA 1/2 buctn Fairchild jbo 20.00 lge 17.00 with stems & leaves jbo 20.00

APPLES STEADY NEW CROP ctn tray pack WA Red Delicious WAExFcy 80s 16.00 88s 16.00-19.00 mos 16.00-17.00 100s 16.00 one label 72-80s 23.00 88s 22.00 100s 19.50 113s 18.50 125s 17.50 USExFcy 80s 16.00-17.00 88s 16.00-17.00 mos 16.00 100s 15.00-16.00 113s 14.00 125-138s 13.00 WAFcy 88s 14.00-15.00 100s 13.50-14.00 113s 15.00 USFcy 88s 15.50 100-125s 14.50 Golden Delicious USExFcy 72s fair cond 10.00-12.00 80s one label 23.00 88s 16.00-17.00 some hias 21.00 one label 22.00 100s 15.00-16.00 some hias 19.00 one label 19.50 113s 15.00 WAFcy 100s 15.00 Granny Smith WAEXFcy 88s 25.00 ID Red Delicious IDEXFcy 80-88s 18.50 100s 16.50 113s 15.50 IDFcy 72-125s 13.50 OR Red Delicious WAExFcy 64s 22.00 72s 21.00 80-88s 19.00 100s 17.00 113s 16.00 Golden Delicious WAExFcy 80s 19.00 88s 18.00 100s 17.00 113s 16.00 VA Red Delicious US#1 100-113s 11.00 Stayman Comb grade USExFcy-Fcy 72s 17.00 113s 15.00 USFcy 72-100s 15.00 113s 12.00 NC Red Rome Comb USEXFcy-fcy 80-88s 14.50 100s 13.50 CA Granny Smith USFcy 88s 16.50 100s 14.50 MI Red Delicious USEXFcy 88-100s 14.00 ctn cell pack NY McIntosh US#1 80s 11.00 100s 9.00 ctn 12-3 lb film bags NC Red Rome Comb USEXfcy-fcy 2-1/2" min few 11.00 PA USFcy Stayman 2-1/4" min 9-9.50 Red Delicious 2-1/4" & up 8.00 NJ USFcy 2-1/4" & up Red Delicious 8.00-9.00 Stayman 2-1/2" & up 8-8.50.

APPLE-PEARS NO SALES REPORTED.

AVOCADOS ABOUT STEADY FL flat ctn various greenskin varieties 8s & 10-14s 10.00 CHILE 2-lyr ctn Hass 50s 57.00 60s 47.00.

BANANAS Imports ctn approximately 40-lb 11.00 fair qual 9.00 film wrpd 11.00 Institutional pack Petite 150s 11.00.

BLACKBERRIES SUPPLIES LIGHT GUATEMALA flats 12-1/2 pt film wrpd cups 40.00.

BLUEBERRIES NO SUPPLIES.

CHERRIES CHILE 5-kilo ctn & lug Early Bing 11 rw sz 35.00 12 rw sz 30.00.

COCONUTS DOMINICAN REPUBLIC sacks 40s few 14.00.

CRANBERRIES SUPPLIES INSUFFICIENT TO QUOTE.

GRAPES-TABLE ABOUT STEADY CA 23-lb lug Thompson Seedless ord cond 8.00-9.00 Red Globe 16.00-20.00 some 23.00 Ruby Seedless 13.00-14.00 Emperor fair cond 10.00 Ribier 13.00-13.50 20-21-lb lug film bags Thompson Seedless 16.50-18.00 Red Globe 15.00 Ruby Seedless 13.00-16.00 few 12.00 sml 9.00-11.00 Ribier 12.00-14.00 fair cond 8.00-10.00 20-21-lb lug wrpd Thompson Seedless fair cond 10.00- 12.00 Black Seedless ord cond 6.00-8.00 Ribier 14.50-15.00 16-lb lug wrpd Thompson Seedless 14.00-17.00 mos 115.00-16.00 some 18.00 few 12.00 one label 22.00 Flame Seedless 14.00-15.00 16-lb lug film bags Thompson Seed- less 12.00-14.00 some 15.00 Flame Seedless 14.00 Red Seedless 17.00-18.00 Italia 15.00.

KIWIFRUIT ABOUT STEADY CA 1-lyr flat 36s 7.50 NEW ZEALAND 1-lyr flat 33s 7.00 36-39s 7.25-7.50 42s 7.

MANGOS NO SUPPLIES.

NECTARINES SUPPLIES LIGHT CHILE 2-lyr lug Armking 66s few 40.00.

PAPAYAS HAWAII ctn via air 12s 11.00.

PEACHES SUPPLIES LIGHT CHILE 2-lyr lug Florida King 50-60s 25.00-30.00 Springcrest 78s few 35.00.

PEARS STEADY WA 4/5 buctn wrpd US#1 D'Anjou 70-80s 23.00 90s 22.00-23.00 100s 20.00- 21.00 mos 21.00 110s 19.00-21.00 120s 18.50 135s 16.00-17.50 Bosc 110s 22.00 120s 20.00 controlled atmosphere storage 4/5 buctn wrpd Bartlett US#1 120s 19.50 150s 11.00-12.00 WAFcy 90s 15.00 100s 14.00 110s 13.00 Seckle type WAExFcy 193-243s 26.00 CA 2-lyr ctn wrpd Prickly type 60s & 70s 19.00-20.00 OR 4/5 buctn wrpd US#1 D'Anjou 80-90s 19.50 100-110s 18.50 ORFcy 110s 16.50 120s 15.50 135s 14.50 Bosc US#1 135s 21.00.

PERSIMMONS ABOUT STEADY CA 1-lyr flat Hachiya 17-18s 8-8.50 20-21s 6.50-8.00 22s 6.50-7.00 24-25s 5.50-7.00 mos 6.00 few 8.00 30-32s 5-5.50 Fuyu 22s 7.00 24-25s 6-6.50 30- 32s 5.00 fair appear loas 3.00.

PINEAPPLES HAWAII ctn via air 6s 11.75.

PLUMS SUPPLIES LIGHT CHILE 2-lyr lug Red Beaut 96s few 40.00.

POMEGRANATES CA 2-lry lug Wonderful 20s 17.00-18.00 30s 13.00-16.00 42s 10.00-12.00 56-72s few 11.00(CORRECTION FOR YESTERDAY'S REPORT: SHOULD HAVE READ 20S 17.00-18.00 30S 15.00-16.00 42S 12.00 56-72S FEW 11.00.

RASPBERRIES SUPPLIES LIGHT CA flats 12-6 oz film wrpd cups Red via air 48.00.

STRAWBERRIES LOWER CA flats 12-1 pt bkt med & med-lge 12.00 ord-fair cond 4.00-7.00 few 10.00 via air med & med-lge 10.00-12.00 mos 12.00 one label hias 18.00 FL flats 12-1 pt bkt med-lge 12.00 ord qual & cond 3.00

CANTALOUPS HIGHER CA 1/2 ctn 12-15s 20.00 18s 19.00-20.00 few 17.00 23s 15.00 MEXICO 1/2 crt 12-15s 20.00 18s 19.00 23s 15.00 fair qual 8.50-10.00 few hgr.

HONEYDEWS LOWER CA 2/3 ctn 5-8s 10.00-11.00 one label 13.00 TX 2/3 ctn 5-6s 8.00 MEXICO 2/3 ctn 5s 10.00 6s 11.00 9s 9.00.

MISC MELONS SUPPLIES INSUFFICIENT TO QUOTE.

WATERMELONS STEADY ctn per ctn FL Jubilee 3s 13.00 4s 12.50 TX All Sweet 3s 13.50-14.00 4s 13.00 ctn per lb TX All Sweet 3s 18-20 cents.

New Holland Dairy

New Holland Sales Stables
Wednesday, Nov. 21, 1990
Report supplied by auction

REPORTED RECEIPTS OF 72 COWS, 46 HEIFERS, AND 5 BULLS. MARKET LOWER.

WISCONSIN FRESH COWS: 910.00-1675.00.

PA FRESH COWS: 1025.00-1325.00, SPRINGERS 1100.00-1325.00.

PA FRESH COWS: 810.00-1020.00.

LOCAL SPRINGING HEIFERS: 825.00-1135.00.

SHORTBRED 675.00-775.00.

OPEN BREEDING AGE 510.00-610.00.

VACCINATED HEIFERS BRING A PREMIUM.

BULLS: 585.00-775.00.

LOCAL COWS: 545.00-1300.00.

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LANCASTER FORD TRACTOR

NEW 8730 JUST ARRIVED

Introducing
Ultra-Command™ powershift...
the shortest distance
between two points.

Only on new Ford 8030 Series tractors

New Programs
Waiver of Finance - No Payment till
April 1991

OR

0% APR for 12 Mon. 7.4% APR for 24 Mon.
0% APR for 24 Mon.* 9.4% APR for 36 Mon.
0% APR for 48 Mon.** 10.4% APR for 48 Mon.
11.4% APR for 60 Mon.

OR

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* Compact Diesels and Tractor Loader Backhoes Only ** Prior Model Industrial Only

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— CUSTOM BUILT WOOD & COAL STOVES
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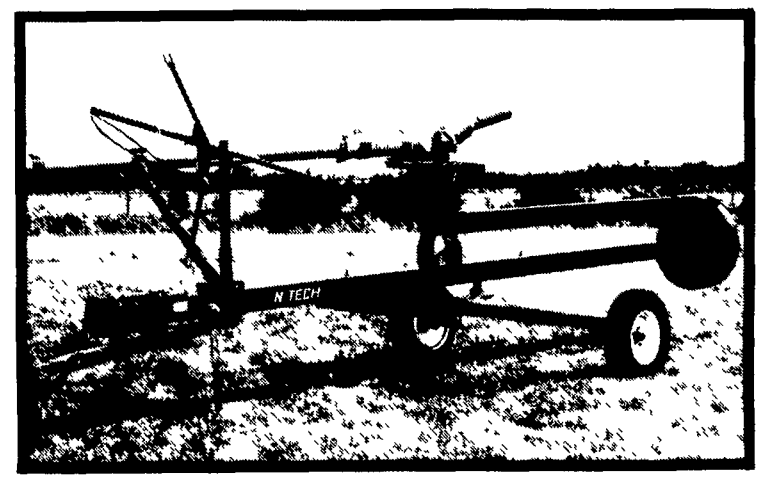
— HIGH-TENSILE FENCING
— PEQUEA & PEERLESS BATTERIES
— DISTRIBUTOR FOR BEARINGS
— SPROCKETS, PULLEYS, BELTS
— KENDALL & DRYDENE OILS & LUBRICANTS

Kendall Drydene

UPS Service

N-TECH STANDARD TRAIL'R PUMP©



N-TECH's solution to high cost — built for the operator that needs performance but is willing to sacrifice some of the convenience features of our Commercial Pump. Manual controls on the fill valve and vertical agitator control while maintaining the hydraulic horizontal control.

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GARST SEED COMPANY

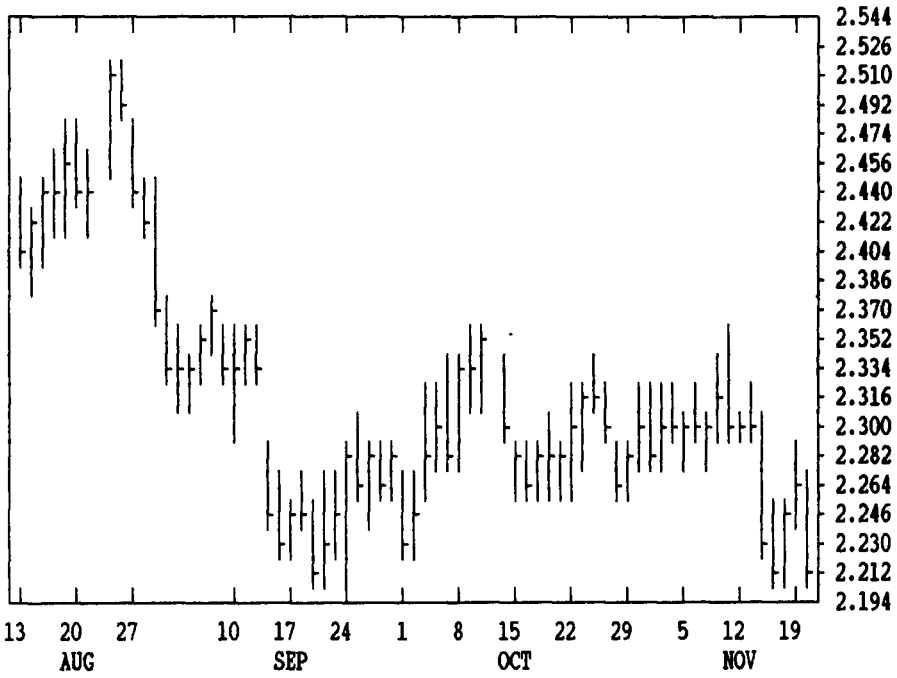
8315 GOOD & EARLY

GRAIN, CATTLE AND HOG FUTURES MARKETS

From DTN farmer satellite daily update. Service phone: (717) 731-1520

(Closing bids: Wednesday, Nov. 21)

DTN GRAINS 16 DEC CORN — CONTRACT HIGH: 2.964 LOW: 2.212



DTN FUTURES 10 11/21/90 — TECHNICAL COMMENTS

	CLOSE	MOVING AVERAGES 4-DAY	9-DAY	18-DAY	RSI'S 9 DAY	14 DAY	5 DAY SLOWED STOCHASTIC K	D
DEC WHEAT	2.49	2.49 1/4	2.54 7/8	2.59 5/8	35	36	25	19
JUL91 WHT	2.80 1/2	2.80 1/2	2.84 3/4	2.88	39	39	32	26
KC DEC WHT	2.59	2.58 1/4	2.61 3/4	2.64 3/4	39	39	26	19
KCJLY91 WH	2.76 3/4	2.75 3/8	2.80	2.83 1/4	40	39	31	22
DEC CORN	2.20 1/2	2.23 5/8	2.25 7/8	2.28 1/8	33	36	27	30
MAR CORN	2.30 3/4	2.34	2.36	2.38 1/8	33	37	30	34
JUL91 CRN	2.45 3/4	2.48	2.49 1/8	2.50 3/8	40	43	43	43
JAN BNS	5.77 1/4	5.75 7/8	5.75 7/8	5.89 1/2	41	38	55	52
JUL BNS	6.15 1/2	6.15 1/4	6.15 1/4	6.28 1/4	40	39	55	54
NOV91 BNS	6.06 3/4	6.08 1/4	6.09 1/8	6.12 1/8	40	41	42	45
DEC MEAL	174.50	173.75	172.80	175.28	47	45	66	63
DEC OIL	20.21	20.16	20.31	20.89	34	31	31	36
DEC CTTL	79.15	79.16	78.95	78.12	70	66	66	74
FEB CTTL	76.00	76.09	75.87	75.28	62	61	56	66
JAN FDRS	87.77	87.72	87.33	86.51	72	67	75	84
DEC HOGS	53.65	53.51	53.51	53.01	54	53	37	40
FEB HOGS	51.72	51.72	51.93	50.96	54	55	37	51
FEB BELS	71.65	71.54	71.46	68.12	60	61	48	51

CORN

	HIGH	LOW	LAST	CHG
DEC	2240	2196	2204*	-12
MAR	2346	2304	2306*	-14
MAY	2426	2384	2390*	-10
JLY	2492	2454	2456*	-4
SEP	2496	2470	2470*	-2
DEC	2510	2476	2484*	-2
MAR	2570	2544	2544*	0
MAY				
JLY				

SOYBEANS

JAN	5796	5702	5772*	+90
MAR	5940	5844	5914*	+90
MAY	6072	5984	6042*	+80
JLY	6186	6100	6154*	+72
AUG	6204	6134	6170*	+62
SEP	6100	6060	6080*	+30
NOV	6100	6044	6066*	+26
JAN	6170	6170	6170*	+14
MAR	6320	6310	6320*	
MAY				

CHICAGO WHEAT

	HIGH	LOW	LAST	CHG
DEC	2492	2444	2490*	+36
MAR	2654	2590	2650*	+46
MAY	2746	2680	2742*	+56
JLY	2812	2754	2804*	+44
SEP	2864	2814	2860*	+44
DEC	2974	2930	2974*	+34

OATS

DEC	1102	1066	1074*	-6
MAR	1216	1184	1186*	-10
MAY	1282	1252	1254*	-10
JLY	1340	1316	1320*	-4

SOYBEAN MEAL

DEC	1760	1723	1745*	+26
JAN	1785	1747	1769*	+23
MAR	1818	1783	1803*	+24
MAY	1837	1806	1825*	+23
JLY	1865	1838	1852*	+17
AUG	1878	1855	1860*	+13
SEP	1860	1850	1850*	+15
OCT	1835	1820	1824*	+9

K.C. WHEAT

	HIGH	LOW	LAST	CHG
DEC	2592	2544	2590*	+44
MAR	2672	2616	2670*	+46
MAY	2724	2670	2710*	+40
JLY	2770	2710	2766*	+62
SEP	2830	2780	2824*	+54

MINN WHEAT

DEC	2514	2476	2506*	+14
MAR	2616	2586	2606*	+12
MAY	2682	2652	2670*	+10
JLY	2744	110	110-2614	
SEP	2800	2800	2800*	+10

SOYBEAN OIL

DEC	2022	1997	2021*	+36
JAN	2048	2025	2045*	+32
MAR	2084	2065	2083*	+29
MAY	2122	2107	2121*	+26
JLY	2150	2135	2145*	+20
AUG	2146	2140	2142*	+14
SEP	2155	2145	2145*	+8
OCT	2155	2150	2155*	+10

LIVE CATTLE

	HIGH	LOW	LAST	CHG
DEC	7935	7912	7915*	+3
FEB	7615	7575	7600*	+15
APR	7612	7575	7580*	-5
JUN	7400	7365	7372*	-8
AUG	7240	7212	7212*	-5
OCT	7245	7225	7225*	+3
DEC	7310	7290	7290*	-15
FEB				

SWISS FRANC

DEC	8029	7986	8024*	-5
MAR	8010	7970	8008*	-5
JUN	7994	7972	7994*	-5

BRITISH POUND

DEC	19640	19554	19618*	+54
MAR	19390	19320	19386*	+60
JUN	19200	19200	19200*	+66

JAPANESE YEN

DEC	7867	7831	7866*	+118
MAR	7862	7825	7860*	+118
JUN	7848	7732	7848*	+116

FEEDER CATTLE

	HIGH	LOW	LAST	CHG
JAN	8797	8755	8777*	+17
MAR	8550	8522	8530*	+8
APR	8440	8412	8415*	0
MAY	8335	8320	8332*	+2
AUG	8250	8230	8237*	0
SEP	8175	8175	8175*	0
OCT	8150	8150	8150*	+5
NOV				

EURODOLLAR

DEC	9202	9198	9201*	+4
MAR	9249	9239	9247*	+10
JUN	9257	9250	9256*	+9
SEP	9254	9247	9253*	+10
DEC	9231	9223	9230*	+10
MAR	9212	9204	9211*	+10

S&P 500 INDEX

DEC	31800	31340	31645	-35
MAR	32050	31595	31925	-15
JUN	32180	32020	32180	-60
SEP	32520	32410	32420	-100

LIVE HOGS

	HIGH	LOW	LAST	CHG
DEC	5375	5315	5365*	+55
FEB	5180	5130	5172*	+50
APR	4875	4835	4862*	+12
JUN	5275	5240	5265*	+18
JLY	5295	5250	5295*	+20
AUG	5115	5115	5115*	+28
OCT	4580	4580	4580*	0
DEC	4580	4580	4580*	0

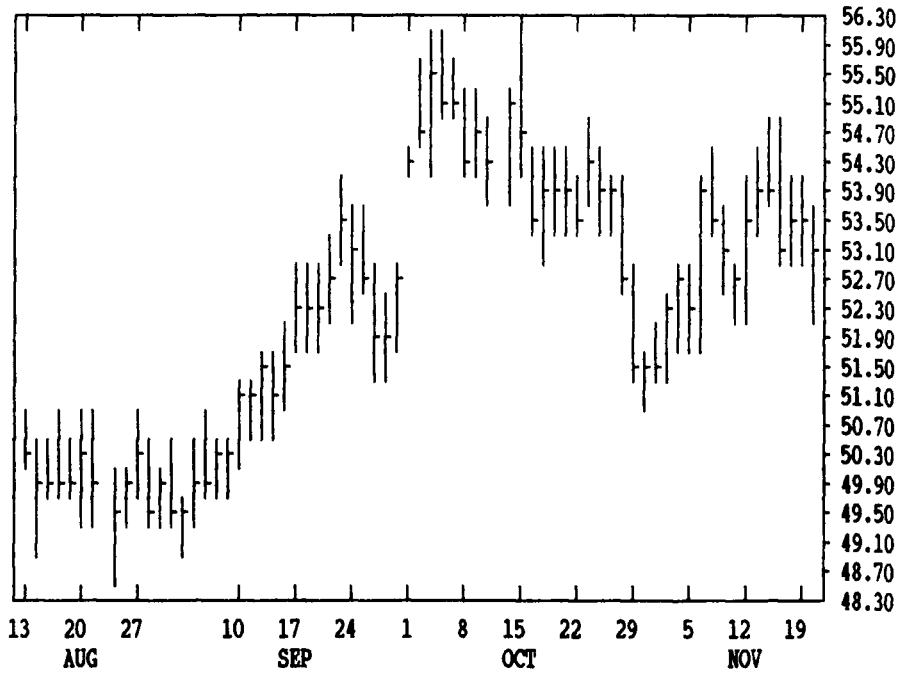
PORK BELLIES

FEB	7190	6970	7165*	+145
MAR	7160	6960	7145*	+145
MAY	7180	7000	7172*	+117
JLY	7072	6950	7070*	+100
AUG	6880	6780	6830*	+140
FEB				

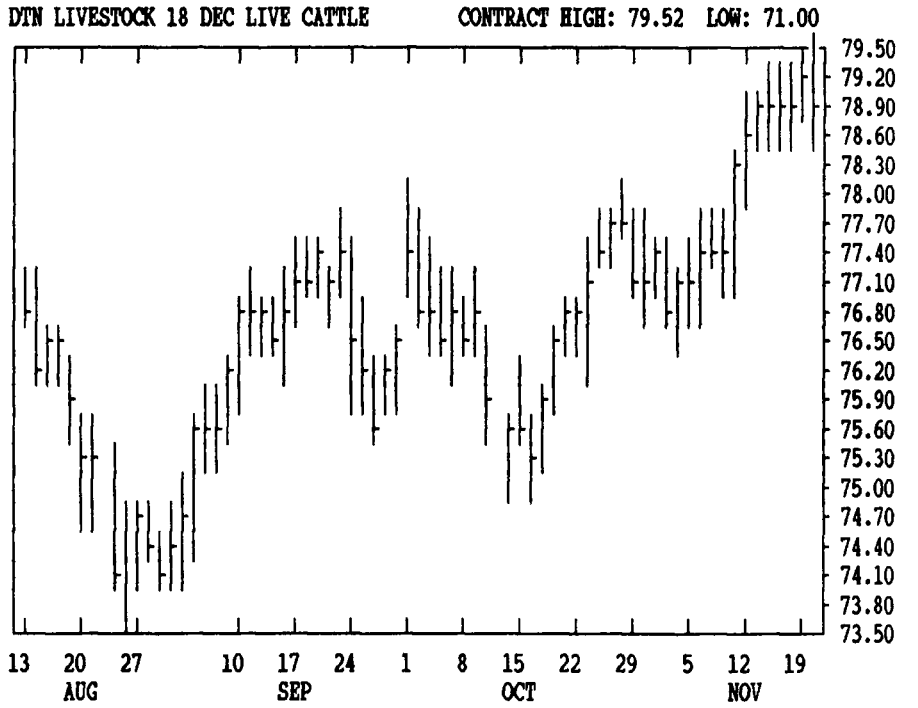
W. GERMAN MARK

DEC	6776	6743	6769*	-10
MAR	6756	6727	6751*	-10
JUN	6729	6715	6729*	-10
SEP	6717	6706	6706*	-11

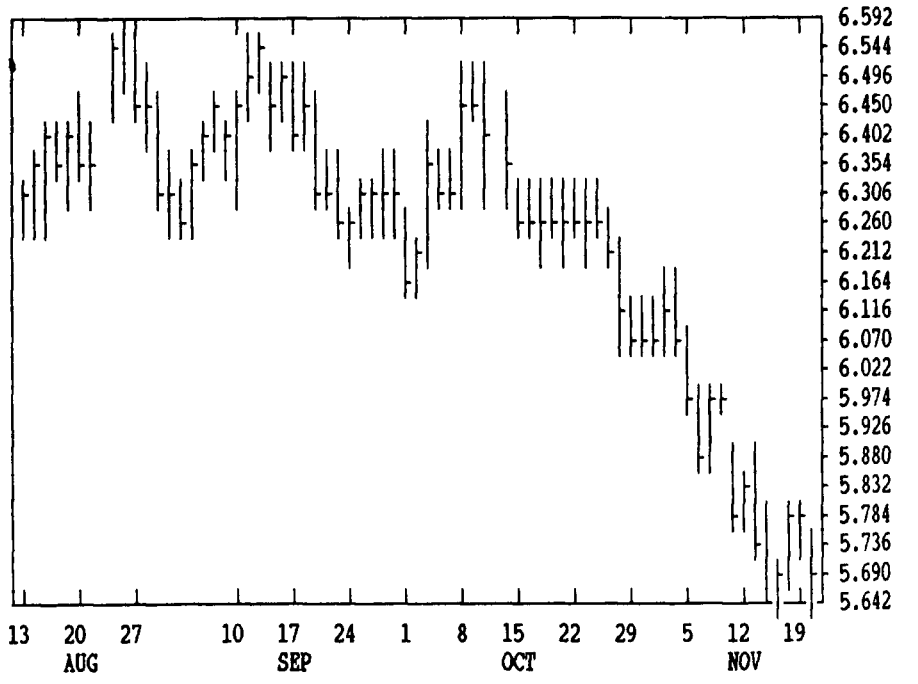
DTN LIVESTOCK 17 DEC HOGS — CONTRACT HIGH: 56.10 LOW: 44.25



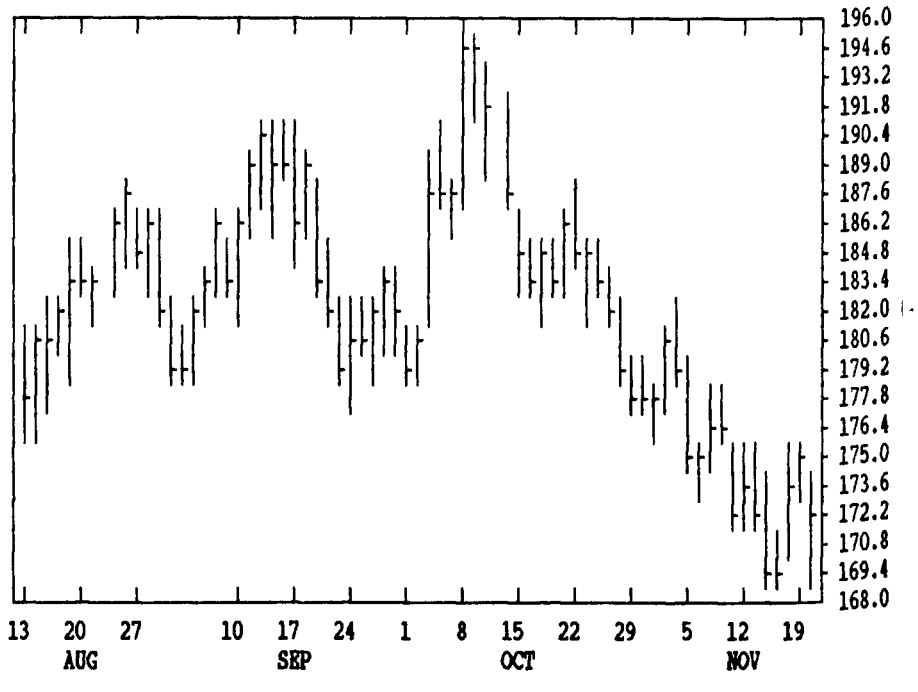
DTN LIVESTOCK 18 DEC LIVE CATTLE — CONTRACT HIGH: 79.52 LOW: 71.00



DTN GRAINS 22 JAN BEANS — CONTRACT HIGH: 6.920 LOW: 5.642



DTN GRAINS 23 DEC SOY MEAL — CONTRACT HIGH: 205.5 LOW: 169.4



Estimated Daily Livestock Slaughter

Under Federal Inspection
Nov. 20, 1990

	CATTLE	CALVES	HOGS	*SHEEP*
WED., 11/20/90 (EST)	124,000	7,000	327,000	23,000
WEEK AGO (EST)	125,000	7,000	310,000	23,000
YEAR AGO (ACT)	127,000	9,000	358,000	24,000
WEEK TO DATE (EST)	247,000	14,000	637,000	42,000
SAME PD LT WK (EST)	213,000	14,000	575,000	41,000
SAME PD LT YR (ACT)	254,000	16,000	695,000	45,000

North Jersey Livestock

Hackettstown, NJ
Tuesday, Nov. 20, 1990
Report supplied by auction

CALVES .21-1.15.
COWS .35-60¾ .
EASY COWS .10- 49½ .
HEIFERS .42¼ .-.69½ .
BULLS .49¾ -.70.
STEERS .55-.77½ .
HOGS .37-.50.
BOARS .35-.37.
ROASTING PIGS, EACH 29.00-34.00.
SHEEP .09-.63.
LAMBS EACH 14 00-59.00.
LAMBS PER LB .33-.84.
GOATS EACH 30 00-113.00.
KIDS EACH 17.00-76.00.
TOTAL 912.

East Coast Carlot

Wed., Nov. 20, 1990
Report supplied by USDA

EAST COAST CARLOT MEAT TRADE DELIVERED PRICES (CAF) BOSTON TO WASHINGTON AREA INCLUSIVE.

COMPARED TO LAST WEEK: NO SALES REPORTED ON LAMB CARCASSES.

New Wilmington Livestock

N. Wilmington, PA
Nov. 19, 1990

CATTLE 311...PDA...Compared with two weeks ago market: Couple Choice slaughter steers 77.00&75.75, few Select 71.00-74.00; couple Choice Holsteins 70.00. Few Choice sl. heifers 73.75-75.50, few high yielding 78-79.50, few Select 66.75-70.50, few Standard 55.75-62.25. Breaking Utility & Commercial sl. cows 49.50-54.25, couple 55.00&56, low yielding 44.75, Cutter & Boning Utility 45.00-50, few high dressing to 50.75, Canner & Low Cutter 38.00-45.00, Shells down to 18 50. Few Yield Grade No. 1, 1175/1720 lbs. sl. bulls 52.00-54.75, few No. 2, 960/2395 lbs. 48.00-51.50. Feeder Cattle: Medium & Large Frame No. 1, 350/640 lbs. steers 69.00-77, one 80.00, Medium #1, 850/980 lbs. 60.00-68, Med. & Large #2, 300/625 lbs. 59.50-69.00. Medium & Large No. 1, 300/625 lbs. heifers 60.00-70.00, one 77.00, Med. & Large Frame No. 2, 400/675 lbs. 50.00-59.50.

CALVES 286...One Choice vealers 108.00, Standard 55.00-70.00, Standard & Good 90/120 lbs. 50.00-60.00, 60/85 lbs. 40.00-53.00, lot Utility 52 lbs. 41.00. Farm Calves: Hol. Bulls No. 1, 85/135 lbs. 97.50-139.00, #2, 90/120 lbs. 60.00-101.00; No. 1, Hol. Heifers 85/125 lbs. 75.00-131.00. Beef cross 85/130 lbs. bulls & heifers 80.00-162.50.

HOGS 328...US No. 1-2 225/255 lbs. barrows and gilts 49.00-50.35, lot 51.25, 1-3 220/255 lbs. 47.00-49.00, 2-3 230/275 lbs. 46.00-47.00, 1-3 200/220 lbs. 45.00-40.00. Sows: US No. 1-3 245/580 lbs sows 45.00-50.50, few 51.00-52.00, few 2-3 350/460 lbs. 40.00-45.00 Boars 35.00-39.50.

FEEDER PIGS 58...US No. 1-3 30/40 lbs feeder pigs 19.00-27.00, few 45/55 lbs. 33.00-45.00 --- all per head.

SHEEP 147...Few High Choice & Prime 75/105 lbs. wool slaughter lambs 61.00-65.00, lot 107 ls. 56.00, Choice 80/120 lbs. 40.00-49.00; Good & Choice 50/85 lbs. feeder lambs 24.00-40.00 - all cwt. Slaughter sheep 5.00-24.00.

GOATS 5...One Large 46.00, few Medium & Small 24.00-31.00 --- all per head.

Four States Livestock

Hagerstown, Md.
Wednesday, Nov. 21, 1990
Report supplied by Auction

SLAUGHTER COWS: UTILITY 47.00-52.00; HIGH DRESSING 53.00-56.00; ONE AT 58.00; CANNERS 44.00-48.00; SHELLY 44.00 DOWN.

BULLS: YIELD GRADE #1 60.00-63.75.

FED STEERS: SELECT 1050 LBS., UP TO 72 25; STANDARD 58.00-66 00.

VEAL CALVES: GOOD UP TO 80 00; CULLS 75-110 LBS 48 00-56 00, 50-75 LBS. 40.00-48.00, WEAK AND ROUGH 40 00 DOWN.

FARM CALVES, HOLSTEIN BULLS: #1 90-120 LBS 115.00-141.00, #2 80-110 LBS. 65.00-110.00; HOLSTEIN HEIFERS 85-95 LBS. 65.00-110.00, BEEF X BULLS UP TO 150.00. AND HEIFERS 122.00.

BUTCHER HOGS: US#1 AND 2, 220-280 LBS., 49.00-51.00; #1-3 215-260 LBS. UP TO 45.50; 280-375 LBS. 43.00-50.00.

SOWS: 400-600 LBS. 41.00-46.00.

BOARS: UP TO 34.75.

STOCK CATTLE, STEERS: 200-400 LBS. 87.00-101.00, 400-600 LBS. 72 00-85.00, A FEW 90 00-95.00; 600-800 LBS. 68.00-80.00; 800-1000 LBS. 63.00-72.00.

HEIFERS: 200-400 LBS. 70.00-85.00; 400-600 LBS. 64.00-77.00; 600-800 LBS. 60.00-67.00.

BULLS: 200-400 LBS. 65 00-78 00; 400-600 LBS. 60.00-72.00; 600-800 LBS. 60.00-68.00; 800-1050 lbs. 59.00-65.00

DAIRY REPLACEMENTS: SPRINGERS 700.00-900 00, FRESH UP TO 710.00.

LAMBS: ONE LOT CHOICE 96 LBS AT 51.50.

GOATS: MEDIUM 35 00-52.00, SMALL 20.00-35.00

PIGS AND SHOATS: BY THE HEAD, 30-50 LBS. 26.00-32 00; 160-190 LBS. 47.00-54.00.

Green Dragon Hay

Ephrata, Pa.
Friday, Nov. 16,1990
Report Supplied by Auction

TOTAL LOADS: 117.
MIXED HAY: 38.00-142.00.
ALFALFA: 69.00-160.00.
TIMOTHY: 90.00-141.00.
CLOVER: 45.00-56.00.
ORCHARD GRASS: 82.00-105 00.
ONE LOAD STUBBLE HAY: 62 00.
STRAW: 69.00-100.00.
EAR CORN: 52 00-76 00.
OATS 2 00-2.05 BU

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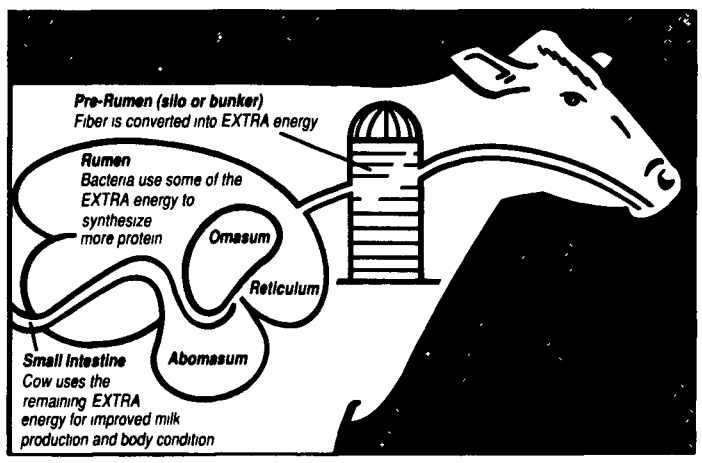
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Cow uses the remaining EXTRA energy for improved milk production and body condition

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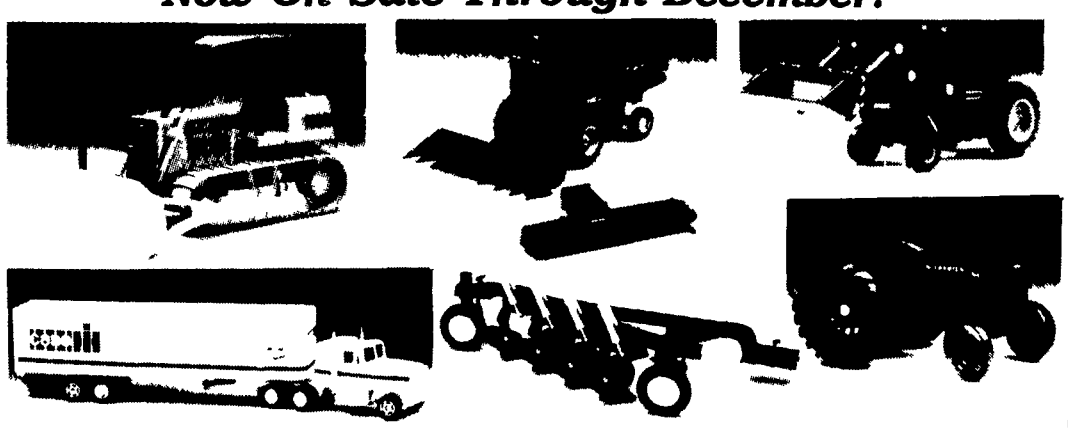

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30 YEARS AGO
THIS WEEK

-A Lancaster County FFA member has been named Star Keystone Farmer of the 12-county Southeastern region. James C. Brubaker, 17, of Lititz R1, a senior at Warwick Union High School, has been selected for the high honor. Starting as a freshman with two dairy animals and eight fattening hogs, he now owns twelve purebred Aurshires, six purebred Yorkshire sows, a Tennessee walking horse, 45 shoats, and 100 capons. In his freshman and sophomore years he rented cropland and barn space from his father, but in his junior year he recented a 72-acre farm on which he raises corn, hay, wheat, tobacco and barley which also are parts of his farming project for this year. He has won $225 in premiums at fair since 1958.

-Billy Hackman, Elizabethtown R3, swept both the exhibit judging and the project score contest at the Elizabethtown-Donegal 4-H Capon roundup Tuesday.

Billy, son of Mr. and Mrs. Willis Hackman, started his project with 152 white vantress capons on May 15. At the roundup on Tuesday his two exhibit birds ressed out over nine pounds each.

-Donald Shaub, New Holland Ave., Lancaster, discussed the composition of an interested picture and demonstrated photographic equipment at the second meeting of the 4-H camera club.

The club met at the home of Richard and Elsianne Hess, 1749 Old Philadelphia Pike, Nov. 21 at 7:30 p.m. The next meeting will he held December 27, at the home of Esther and Ellen Overgard, Lancaster R4.

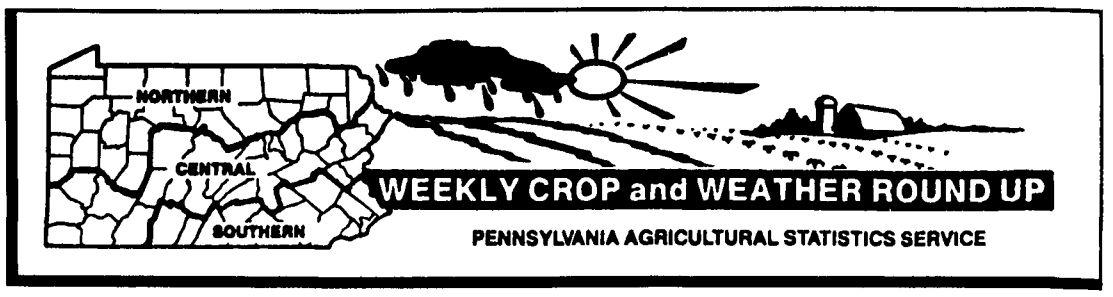
Ad on page 7 for the grand opening of Nichols Discount City: steam of dry iron $8.99; thermal underwear $1.00; men's shoe pac $4.44; retreaded winter tires $8.88; hooded cotton quilt lined parkas $4.46.

Buffalo Produce

Mifflinburg R3
Nov. 20 1990
Report Supplied by Auction

APPLES· ROME 5 00-6.00 BU
CABBAGE. 2.50, 50 LBS
CAULIFLOWER· .70
BROCCOLI: 11 00 SHOOTS.
APPLE CIDER. 1.00-1.75.
SCOTCH PINE #2: 4.00-5.00
SCOTCH PINE #1 6,7,8: 10.00-13.00
DOUGLAS FIR, 6,7,8: 8.00-17.00
FRAIZER FIR: 25 00
WREATHS: 6.50-10.00
NEXT CHRISTMAS TREE AND CRAFT AUCTION TUES. DEC. 4.

Some markets not available due to the holiday



CROP INFORMATION FOR THE WEEK ENDING NOVEMBER 18.

Good Week For Fieldwork: A pleasant normal week for the middle of November across the commonwealth. Cooler temperatures early in the week gave way to warm temperatures by week's end. While temperatures averaged just below normal, precipitation was well below normal. Rainfall was confined to a couple of days associated with cold fronts crossing the State. Even some snow was observed around the State, especially in the western and northern mountain areas. Five days were rated suitable for field work. Activities for the week included: harvesting of hay, haylage, potatoes, corn, corn silage, soybeans, and fruit; repairing fence; fall plowing and planting; hauling manure; spreading fertilizer; maintaining machinery; and caring for livestock.

Soil Moisture: Pennsylvania's top soil moisture was rated short by 2 percent of our respondents. Eighty-one percent of the respondents rated the soil moisture as adequate and 17 percent indicated a surplus. In the northern region, 6 percent rated it short, 65 percent adequate and 29 percent rated it surplus. In the central region, 90 percent of the respondents rated the topsoil moisture as adequate and 10 percent indicated surplus moisture. Eighty-nine percent in the southern region rated soil moisture as adequate and 11 percent rated it as surplus.

Corn: By the end of the week, the State's corn was rated 2 percent in the dent stage, 39 percent in the mature stage, and 59 percent harvested. At this time last year, 4 percent was in the dent stage, 33 percent in the mature state and 63 percent had been harvested. The five-year averages were 1 percent dent, 29 percent mature and 70 percent harvested. Corn harvest was 43, 63, and 78 percent complete in the northern, central and southern regions, respectively. The corn crop condition was rated 32 percent excellent, 43 percent good, 18 percent fair, 6 percent poor and 1 percent very poor. Corn silage harvest was 98 percent complete by week's end. At this time last year, 99 percent of ensilage harvest was completed. Corn silage is normally completed by this time, according to the five-year average.

Soybeans: Seventy-nine percent of the Commonwealth's soybean crop was harvested by week's end. Last year at this time, 63 percent was harvested. The five-year average is 72 percent harvested. Our respondents indicated that 27 percent of the soybean crop was in excellent condition. Forty-seven percent of the crop was rated good, 21 percent fair, 4 percent as poor, and 1 percent as very poor.

Wheat and barley: The State's winter wheat planting was completed by week's end. Winter wheat planting was complete at this time last year and the five-year average indicates that winter wheat planting is normally complete by this time.

Potatoes: Ninety-nine percent of Pennsylvania's potatoes were harvested by week's end. Last year at this time, potato harvest was completed. The five-year average was also 100 percent.

Fruit: According to our respondents, 100 percent of the State's apples had been harvested by the end of the week. Last year at this time, apple harvest was complete.

Hay and pasture: All of Pennsylvania's third cutting of alfalfa was completed by the end of the week. Third cutting of alfalfa was completed by this time last year. By the end of the week, the fourth cutting of alfalfa was 88 percent finished. Last year, 95 percent was cut by this time. Quality of hay made during the past week was rated good by 27 percent of the respondents, fair by 58 percent, and poor by 15 percent. The respondents rated pasture quality during the past week as: 3 percent very poor, 27 percent poor, 45 percent average, and 25 percent good.

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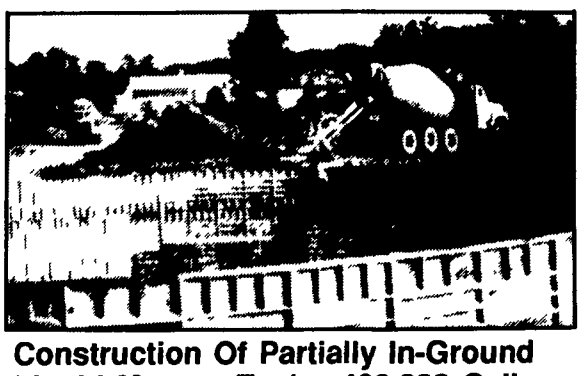

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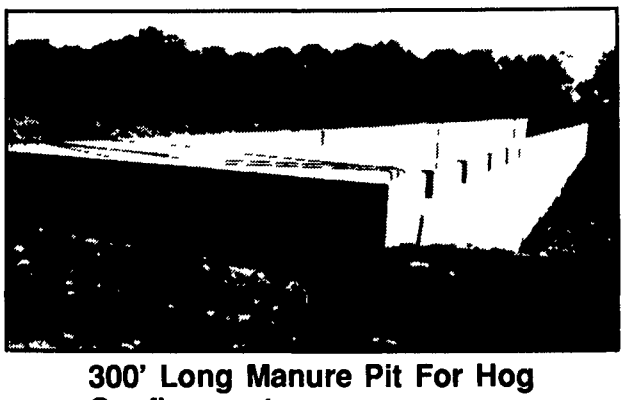
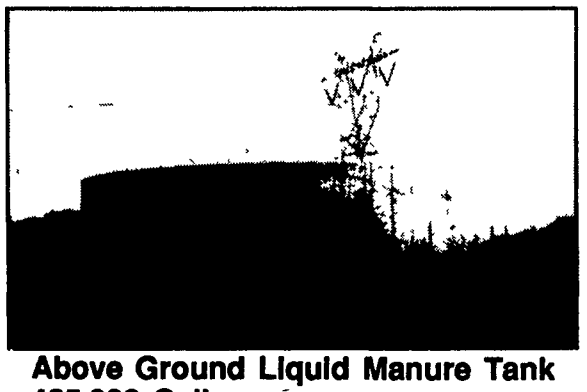
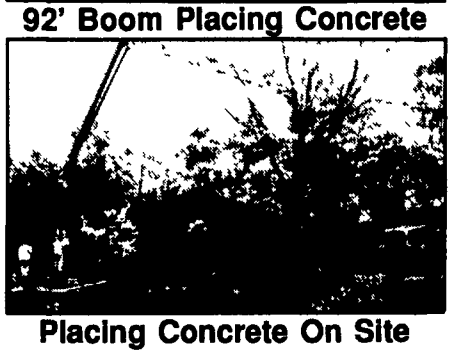


300' Long Manure Pit For Hog Confinement



Above Ground Liquid Manure Tank 425,000 Gallons



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Six Century Farms Awarded

(Continued from Page A1)

tor with the U.S. House Agriculture Committee. O'Conner reported on the 1990 Farm Bill, the reasoning behind its form and the probably impact to local farmers.

Of the families which received the century farm awards, two can trace family ownership back to 1841.

• The 104-acre farm owned by John D. and Deborah L. Meck located in Strasburg Township was first purchased by John's great-great-great-grandfather, Jacob Barge. Barge had originally bought 110 acres for $3,834 from Samuel Weaver.

The Barge surname left the farm in 1889 when Reuben and Susanna (Barge) Shaubach took over. The Shaubachs were John Meck's great-grandparents.

The Meck surname came to the farm when John's grandfather, John K. Meck, married Annie Shaubach and they took over the farm in 1937.

In 1960, Parke S. Meck and M. Ethel Meck took over the farm. Their son, John Dwight Meck took over the farm in 1982.

• The Smith surname is linked directly to a 140-acre dairy farm in Drumore Township starting with the 1841 purchase of 186½ acres by Preston Smith. Preston was the great-grandfather of present owner Robert S. Smith, who with wife Muriel Smith, took over the farm in 1948 from his father Horace Smith.

Robert S. and Muriel Smith receive a Century Farm Award for their 140-acre dairy farm in Drumore Township that dates back to 1841 in their family.

The homestead farm was purchased originally from Thomas Neel for $3,000, however, none of the original building remain. The Smith's present home, however, was built in 1850.

The four other farms began a family a heritage a little later in the 1800s.

• The Century Farm plaque for a 56-acre dairy operation in Earl Township was presented in the names of Samuel M. and Katie K. Augsburger, although the farm in now owned by their daughter and son-in-law, D. Lamar and Edith (Augsberger) Weaver.

The Augsburger name on the farm goes back four generations to the Sept. 19, 1856, purchase by Christian Augsburger, the great-great-grandfather of Edith Weaver. Christian was born and lived in Germany prior to coming to the United States and buying 48 acres from John Hurshberger for $137 per acre. He was 42 years old when he made the purchase.

• Meadow Spring Farm in Rapho Township is a 97-acre mixed livestock farm jointly operated by Martin and Ruth Kready and their son and daughter-in-law Gerry and Melva Kready. Currently Gerry and Melva's children make the seventh generation Kreadys to grow up on the farm that was first purchased in 1860 by the father and son team of George Kready 1st and George Kready 2nd.

When the first Kreadys purchased the farm, it consisted of 79 acres and sold for $72 an acre. In addition to farming, the George Kreadys also butchered as a vocation.

The Kreadys' current home was built in 1890 and the barn was built by the first Kreadys in 1871.

(Turn to Page A22)

John D. and Deborah L. Meck are presented with a Century Farm Award for their 104-acre farm located in Strasburg Township. It has been in the family since 1841.

Ralph and Verna Hostetter receive their Century Farm Award for their Rapho Township 76-acre farm that's been in their family since 1864.

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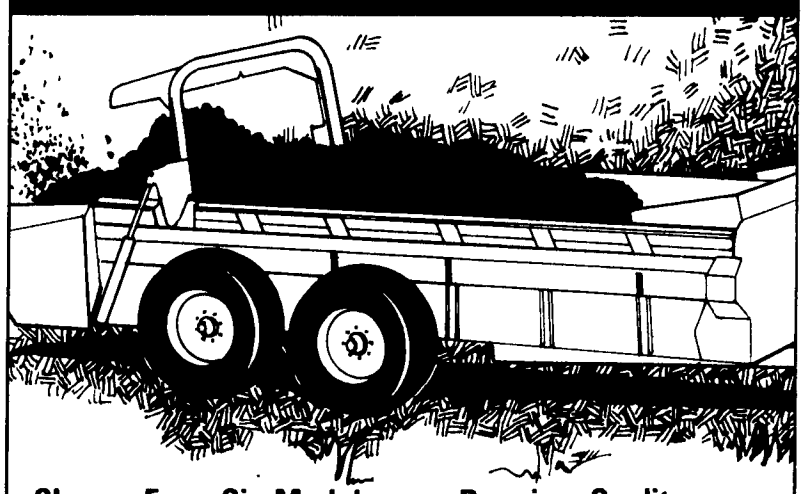

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Milk Prices Drop Fast, Return To Decade-Old Level

THOMAS JURCHAK
Lackawanna Co. Agent

SCRANTON (Lackawanna Co.) — You won't like it, but the record breaking season isn't over yet.

After you got used to record high prices during the last 12 months, you are now in for some record breaking lows that started in October.

The worst was a $2.02 drop in the Minnesota-Wisconsin Price Series in one month from $12.50 in September to $10.48 in October. The previous record of $1.72 was back in February when it was part of a $2.91 drop in the M-W in three months.

After that the increases came slowly totalling $1.41 in four months.

Then in August, when prices normally are increasing, the M-W started another decline for a total of $2.95 in the last three months.

With the October M-W at $10.48, it makes it the lowest for the month since 1978. That was 12 years ago.

Even worse than that is the thought that it's $3.39 lower than last October.

It will also provide a record high difference between Class I and Class II prices in federal orders.

In Order 2 in October the Class I price is $15.64 and Class I is $10.54 for a difference of $5.10 between fluid milk and milk used for other dairy products.

Unheard of in the past.

Of course, the full impact of this record drop won't be felt until January when you get your check for December milk but brace yourself for a long, cold winter with prices $3.00 under the year before when we get into 1991.

The Pennsylvania Milk Marketing Board has scheduled a hearing for the November 19 to receive testimony on adjusting milk prices in response to the "decline in the M-W price series" and the "increase in the costs of crude oil."

What Happened?

Last month I said that the 29-cent drop in cheese prices in one month signalled the beginning of the end of record high milk prices, but I never realized the end would come so soon.

At the National Cheese Exchange on October 12 prices were at $1.14 for 40 pound blocks, but since then there have been weekly declines totalling five cents until the price fell to $1.09 on November 9 and that's two cents below the support price.

Powder prices that, along with cheese, had helped to keep the M-W above the support price of $10.10 have now dropped another nine cents.

Increasing milk production, particularly in the southeast and southwest, have reduced shipments from Wisconsin to Florida to a third of what they were a year ago sending 118 more loads of milk a week to processing plants in the upper mid west.

In addition, the lower milk price in California, that does not have federal milk marketing orders, has made their cheese competitive in mid western markets helping to lower prices there and add to dealer inventories.

So the answer is that market prices for dairy products that set the payment for milk have fallen to price support levels as a result of increasing milk supplies and dealer inventories adequate to meet the market needs through the holidays.

Farm Bill

Called the "Food, Agriculture, Conservation and Trade Act of 1990" the farm bill takes some giant strides away from dairy supports as we have known them in the past; fixes the cost on assessments or user fees on producers and sets a minimum support price.

If all else fails, the support price cannot fall below $10.10 for manufacturing grade milk (not Class II milk) of average butterfat test or $9.90 for 3.5 percent milk at today's butter prices.

That rolls the support price back 12 years to 1978.

To get an increase of 25 cents on the support price, CCC purchases would have to fall below 3.5 billion pounds of milk equivalent on a total solids basis. Last year CCC purchased nine billion pounds on a milk fat basis so you have a long way to go to get the 25 cents or $10.35 for a support price.

However, if CCC purchases are expected to exceed seven billion pounds of milk the USDA could reduce producer prices through assessments to equal the cost of the CCC purchases in excess of seven billion pounds of milk equivalent.

Beyond that, the farm bill requires USDA to solicit proposals through public notice on an inventory management program and study the effect of alternative classification of milk in federal orders and supporting producer income through target prices and deficiency payments as we now have in feed grains.

By August 1991 the USDA is to submit a report and recommendations to the agriculture committees in the House and Senate.

The bill also requires the USDA to explore alternatives to the M-W as a Basic Formula Price; announce a national hearing on this by October 1, 1991 and have federal orders amended by June 1, 1992 if changes are indicated.

Another study on multiple component pricing is required with reports to the House and Senate agriculture committees within 180 days and national hearings to consider the adoption of such recommendations in each federal order.

Finally, in a separate subtitle, there's a "Fluid Milk Promotion Act of 1990" that provides an opportunity for a fluid milk promotion program if USDA receives a proposal for such a program from fluid processors representing 30 percent of the total volume of fluid milk products.

(Turn to Page A21)

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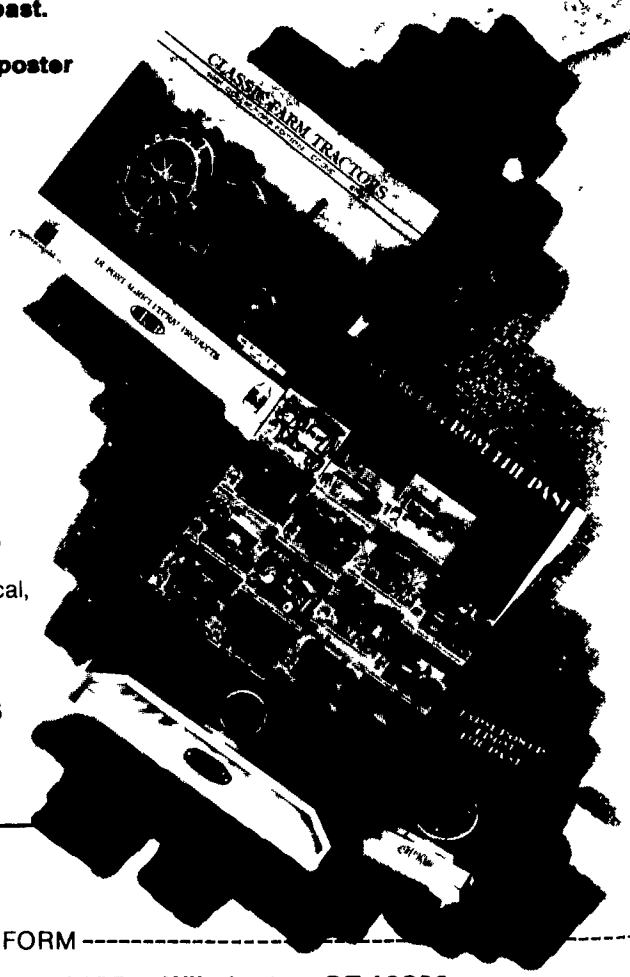

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Milk Prices Drop Fast

(Continued from Page A20)

Then at least 50 percent of the fluid processors who marketed at least 60 percent of all the fluid milk have to approve the proposal in a referendum before it becomes effective.

So, on balance, you have Congress getting more involved in federal orders and after all the "if and when" studies you have a support price rolled back 12 years and user fees to shift the cost.

There's More

If you're wondering what happened to the five and 11 cent assessments you've read about, you should know that they are in the Budget Reconciliation Act and not part of the farm bill.

That won't make them any easier to take, but that's where they came from.

It was a question of offsetting costs of future government purchases based on anticipated milk production from 1991 to 1995. The assessment of five cents in 1991 reflects an anticipated production of 147.4 billion pounds. Then the assessment increases to 11 cents a hundred from 1992 to 1995 as production is expected to increase to 156.2 billion pounds by 1995.

This is where refunds may be available in the future for producers who do not increase production but it is a program separate from the farm bill and aimed at reducing total government expenses to keep a lid on budget deficits.

These are assessments that come right off the top of your milk check regardless of the provisions of the farm bill and adjustments here will be based strictly on reducing government costs without regard to market prices.

Now It Starts

In Order 2 the uniform or blend price will be $13.10 for 3.5 percent milk at the 201-210 mile zone. That's another record drop of $1.17 from September and $1.57 less than last year.

Over 55 percent of the October pool was Class II milk. Each month this fall, the gap between this year and last year has been narrowing from $1.64 over the previous year in July to only 27 cents over in September. Now it's $1.57 under last year and the difference will be greater next month as the M-W for September drops the Class I price 59 cents more in November.

Company Tests New Animal ID System In Holland

ATTLEBORO, Mass.— Texas Instruments recently announced a TIRIS (TI Registration and Identification System) field evaluation program with the Dutch Pig Herdbook (NVS), a pig breeding company based in the Netherlands.

TIRIS is a radio-frequency based system that electronically identifies and tracks livestock throughout the entire production process. The main component of the system is a small, battery-free transponder injected just under the animal's skin at weaning and easily removed during the slaughter process. TIRIS provides a permanent method of identifying the animal, and as part of farm management systems improves control of feeding, weighing, disease detection and other pig production processes.

At the Dutch Pig Herdbook research farm in Beilen, Holland, TIRIS is being incorporated into a fully computerized registration and tracking system that will monitor the feeding and growth of more than 2,000 pigs. The pigs will be identified and tracked throughout the breeding process, during transport and through the abattoir or slaughtering plant. At the abattoir, TIRIS will enable individual carcass analysis with yield and quality information communicated back to the breeder.

TIRIS transponders replace less permanent forms of identifying animals such as external tattoos which deteriorate as the animal grows, and ear tags or collars which are often lost. The TIRIS System provides benefits for the entire production process including more accurate farm records, improved production efficiency and quality control the ability to gather individual animal performance information, and track disease and residues.

The TIRIS System uses radio frequency transmissions emitted from the reading unit to track animals injected with transponders. Each transponder contains an antenna and an IC chip that holds a unique, factory-programmed tamperproof identification code. A TIRIS transponder can be read in about one tenth of a second and at a distance of 20-40 inches, depending on the reader's antenna configuration.

Farmers Vote On F.O. 36 Changes

CLEVELAND, Ohio — A referendum in which dairy farmers shipping milk to the Eastern Ohio-Western Pennsylvania milk marketing area will have an opportunity of expressing their approval or disapproval of an amended order, will be concluded on November 29.

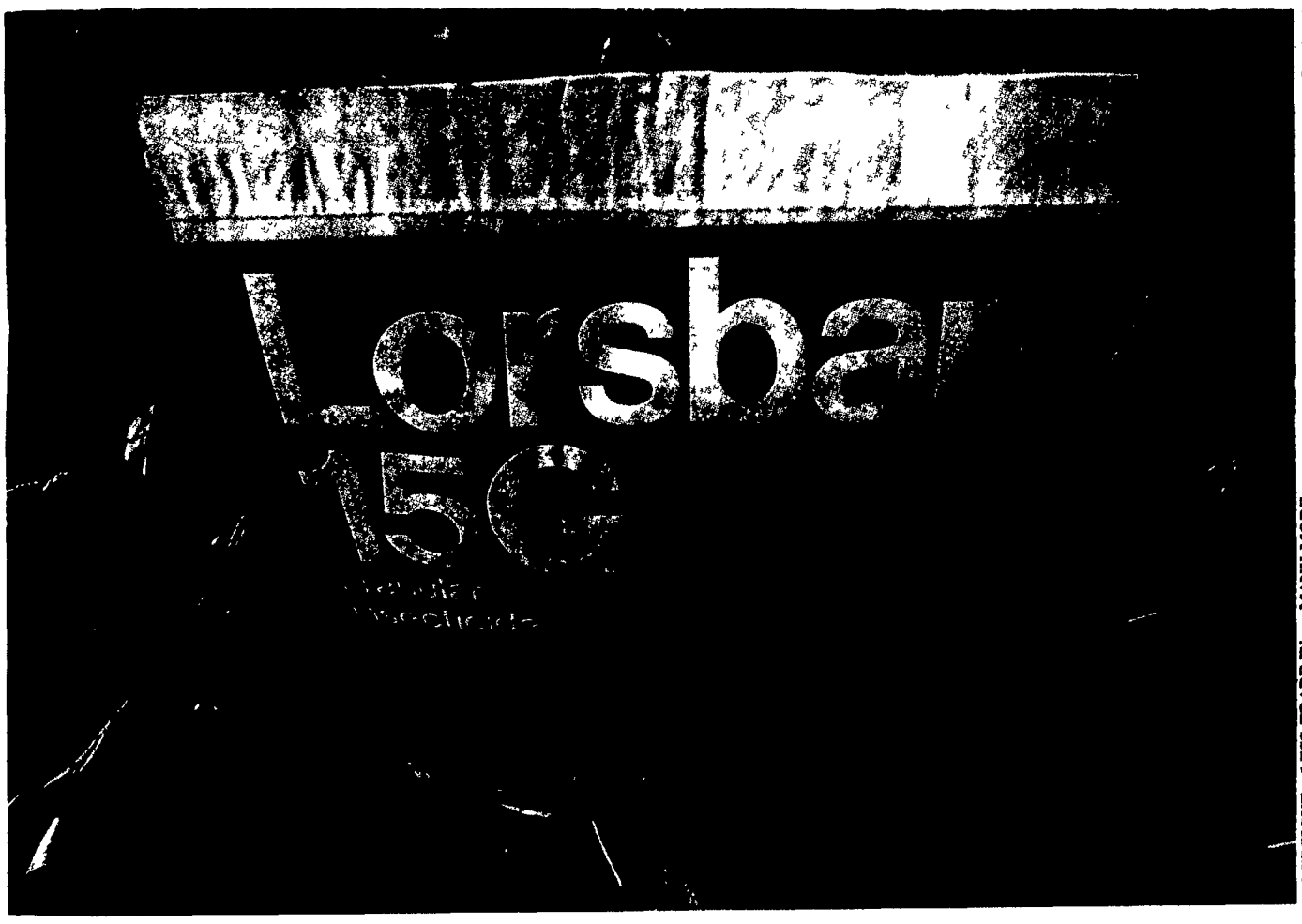
Dairy farmers who may not have received a ballot through the mail and who feel that they are eligible to vote should call the USDA Referendum Agent at (216) 826-3220.

The amended order will include the terms and provisions of the order currently regulating the handling of milk in the Eastern Ohio-Western Pennsylvania marketing area with the following changes and modifications:

"The amendment provides for a different butterfat differential formula to adjust all milk prices for butterfat content in all Federal milk orders. The formula provides for a lower butterfat differential which reduces the price for butterfat and increases the price for skim milk."

Qualified cooperative associations of producers will be permitted to cast bloc votes on behalf of their members on all provisions of the amended order.

The amended order was considered at a public hearing in Alexandria, Virginia on July 31.



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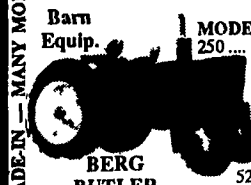

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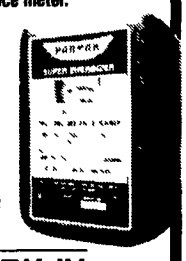

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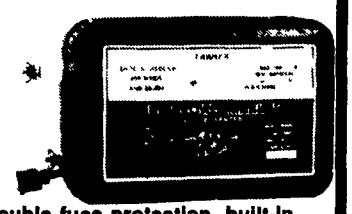

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Six Century Farms Awarded

(Continued from Page A19)

Not only do the Kreadys have documentation of the more recent predecessing family members selling the farm to each other, but they have possession of sheepskin deeds of the farm that go back to 1745 when John Lehman purchased 165¼ acres.

• Ralph and Verna Hostetter are the fifth generation Hostetters to farm portions of land in Rapho Township. The current 76 acres was part of an original 92¼ acre farm bought in 1864 by Abraham Hostetter, the great-great-grandfather of Ralph. The original purchase price of the dairy and poultry farm was $133 per acre.

• In 1958 David and Anna Lois McMichael took over David's family farm in Pequea Township from his parents Harry G. and Edna (Harnish) McMichael. The McMichael surname came from his father Harry, but the Harnish name traces back for at least more than a century.

According to the McMichael's the family farm traces back to 1866 in documented deed to David Harnish. But David bought the farm from his father Martin S. Harnish. Just when and from whom Martin S. Harnish bought the farm is not known, but the family believes that Martin S. Harnish homesteaded the land and farmed. He and his wife Magdalena came to the United State from Germany in 1718.

The 105-acre dairy farm still contains some of the original buildings, mainly a bank barn that is still in use. The current house is a second one that was built in 1900.

The McMicheal's two daughters and their husbands — Dale and Ruth Ann (McMichael) Stoner and Joseph and Jane (McMichael) Hess — jointly operate the farm maintaining a dairy herd and raising corn, soybeans and alfalfa.

Receiving a Century Farm Award are David and Anna Lois McMichael whose Pequea Township farm has been in their family since 1866.

Martin and Ruth Kready receive a Century Farm Award for the Meadow Spring Farm in Rapho Township that has carried the Kready surname since 1860.

In presenting the Century Farm Awards, Lancaster County extension agent Jay Irwin said that with the addition of these six farms, there are now 115 registered Century Farms in the county and of those, 26 have remained in the hands of decedents of a specific family tree for more than 200 years.

"I think it tells us something about farmers in Lancaster County wanting to keep in farming," Irwin said.

He said the number of farms in Lancaster that have remained within a specific family lineage is even more remarkable when considering that "only two out of 100 (people) live on farms.

Max Smith, well-known to the county agriculture community, received the second George C. Delp award for his contributions to

(Turn to Page A23)

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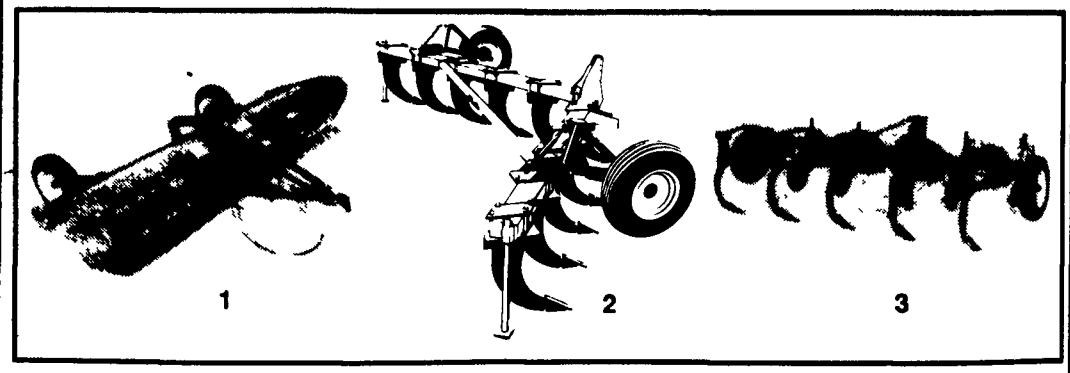

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ROLLING ON.. IN THE 90 s
Brillion
MEETS THE CHALLENGE

Six Century Farms Awarded

(Continued from Page A22)

agriculture and agribusiness in the county.

The 75-year-old retired extension agent served from 1937 to 1981, and continues to be involved peripherally. He said he names one of his best accomplishments as helping to see the creation of the Farm and Home Center.

Also he said his involvement with 4-H has provided some of the highlight achievements of his career.

A transplanted native of Washington County, Smith said he graduated from Penn State University with an animal husbandry degree in 1936 and started working in Lancaster as an assistant agent, moving into the county agent slot in 1949.

"I guess the greatest satisfaction came from helping people work out problems," Smith said.

He said developing and working with 4-H programs and helping mold youth to "get products like Kenny Rutt" also made his vocation rewarding. Smith even once turned down a request to be state secretary of agriculture because he didn't want to give up the direct contact with people.

Rutt, a dairyman, restaurantuer and dairy equipment business owner, is a member of the chamber agriculture committee and has held other leadership positions. He said Smith was very influental and was his 4-H leader and coach in the county beef club, leading Rutt and others to capture a national title in the 1960s.

According to Rutt, the best thing about Smith is his willingness and eagerness "working with youth, and a lot of us are glad for that."

Smith, who adopted Lancaster County as his home, said that, even with a dwindling number of farms in the county and fewer people with agricultural backrounds, there still exists a place for the county extension agent.

"I think the role of the agent is important, if not more important, now. Farming is more specialized and I think the extension service is helpful to both farmers and nonfarmers. I'd say the county agent is very much needed today."

The Century Farm Award is presented to Samuel M. and Katie K. Augsburger for a 56-acre dairy operation in Earl Township that dates back to 1856.

Show Latest In Equipment

GAY N. BROWNLEE
Somerset Co. Correspondent

CHAMPION (Somerset Co.) — The Penn-Jersey Equipment Dealers Association met this week at western Pennsylvania's Seven Springs Mountain Resort, which is located in Somerset County. Outdoor equipment dealers and dealers of related businesses filled the exhibit hall with their varied wares and informational literature.

It seemed almost ludicrous to see a "clean" manure spreader in bold red and silver colors filling a corner space of the hall. The seller wasn't around at the time, but his neighbor across the aisle couldn't resist the opportunity to deliver a pun. "That's one product the company will not stand behind," he quipped with a grin.

Equipment leasing was represented at the convention. One gentleman said that the machinery leasing aspect is growing rapidly. "The way the tax laws are (today), it doesn't pay to own," he said.

There were blowers with big, black, accordion type hoses whose function is opposite that of a vacuum cleaner. Using them eliminates the cumbersome and time-consuming task of raking by hand. Weed cutting equipment, spraying equipment, lawn mowers, snow blowers and plows, garden tractors, backhoes, roto-tillers, hitch trailers, clippers, chain saws, motors, portable heating units with accessories, were all accompanied by the ever-present glossy colored flyers, leaflets and booklets. If that wasn't enough to bait passers by, many dealers had huge bowls of individually wrapped candies to offer in the bargain.

Advertisers came, too, offering the dealers endless, financially feasible, choices of how to brag about themselves, all in a nice way, of course. To charm and lure the consumer one must offer something in return. A calendar, perhaps, or the 1991 Farmer's Almanac. There were pens, mugs, and many other options displayed pursette size plastic bandage dispensers. All could have your name, address and telephone number printed on them.

A southern gentleman in a black stetson and his Minnesotan counterpart manned the same booth because they sell the same product and brand name. The man from Oklahoma said that where he comes from people say, "We are so many miles from where we should be." He noticed that in the north people say they are so many minutes away from someplace.

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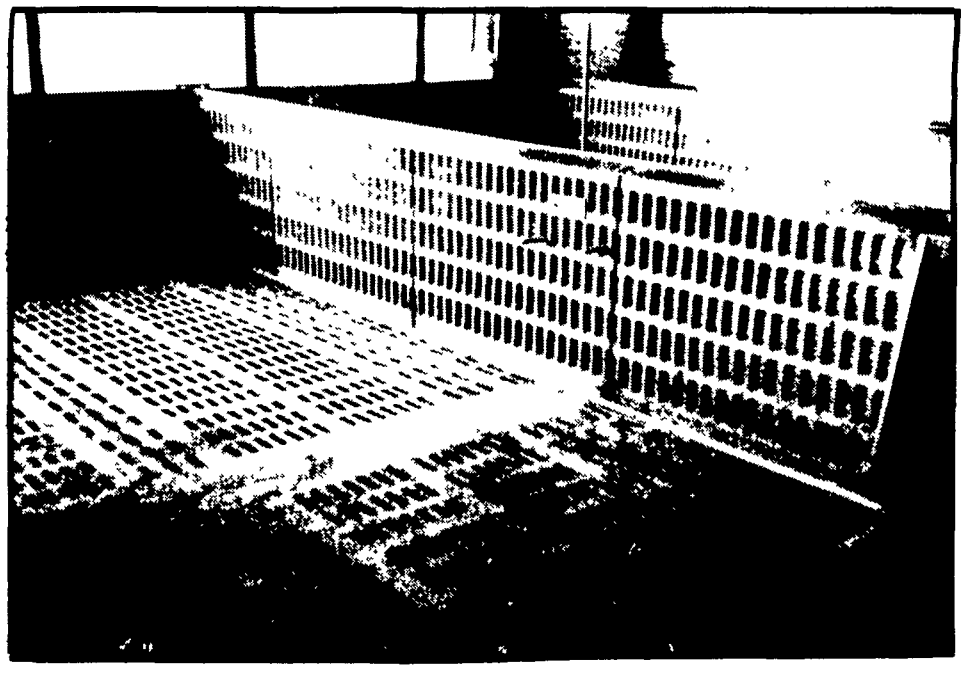

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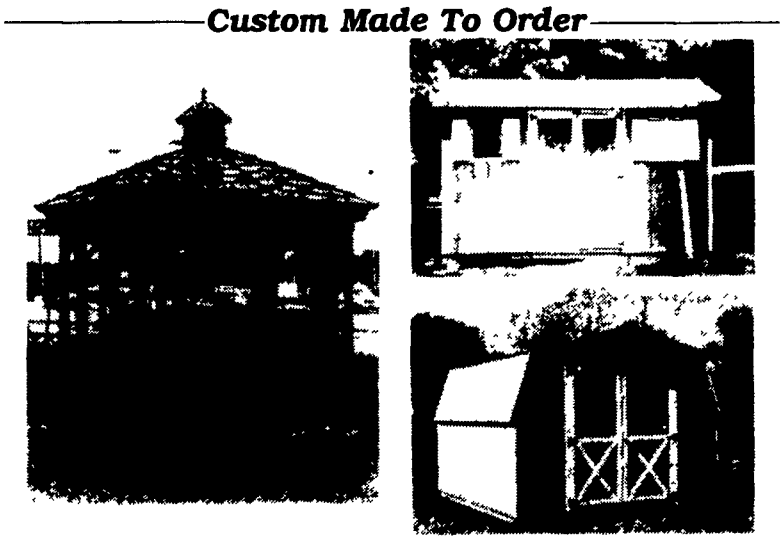

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Farm Calendar

(Continued from Page A10)

Pesticide update (fumigation category 13), Lehigh Co. Ag Center, Allentown, 1 p.m.-4 p.m.

Focus On the Future — Credit Management For the '90's, Westmoreland Co., Greensburg, 9:30 a.m.-3 p.m.

Agronomy Ag-Service Schools for Eastern Pa., Berks Co. Ag Center, Reading, 9:15 a.m.-3:30 p.m.

Thursday, December 6

Focus On the Future — Credit Management For the '90's, Washington Co., Ramada Inn, Washington, 9:30 a.m.-3 p.m.

Safe Drinking Water Clinic, Montgomery Co. Cooperative Extension, 1 p.m.-4 p.m.

Western Pa. Regional Vegetable Meeting and Trade Show, Days Inn, Butler, 9 a.m.-3:30 p.m.

Adams Co. DHIA annual meeting, 7 p.m.

Greene Co. credit management meeting, Ramada Inn, Washington, 9:30 a.m.-3:30 p.m.

Westmoreland Co. Cooperative Extension program, Sheraton Inn, Greensburg, 7 p.m.

Franklin Co. Dairy Farm Management Tour, 6:30 a.m.-7:30 p.m.

Friday, December 7

Keystone Shepherds' Symposium, Lancaster Sheraton, thru Dec. 9.

Susquehanna Co. Holstein annual meeting.

Delmarva Corn and Soybean Conference Committee, U. of Del., Georgetown, 3 p.m.

Agronomy Ag-Service Schools for Eastern Pa., The Brynwood, Lewisburg, 9:15 a.m.-3:30 p.m.

Saturday, December 8

Keystone Shepherds' Symposium, Lancaster Sheraton, thru Dec. 9.

Sunday, December 9

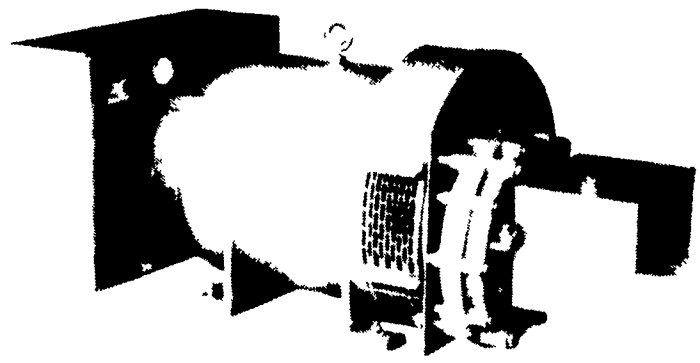
Keystone Shepherds' Symposium, Lancaster Sheraton.

Monday, December 10

Fifth regional meeting on biosecurity for poultry, reducing risks, Clayton Hall, U. of Del., 8:30 a.m.-3:30 p.m.

MACE Poultry Biosecurity Conference, Clayton Hall, U. of Del.

STANDBY GENERATORS



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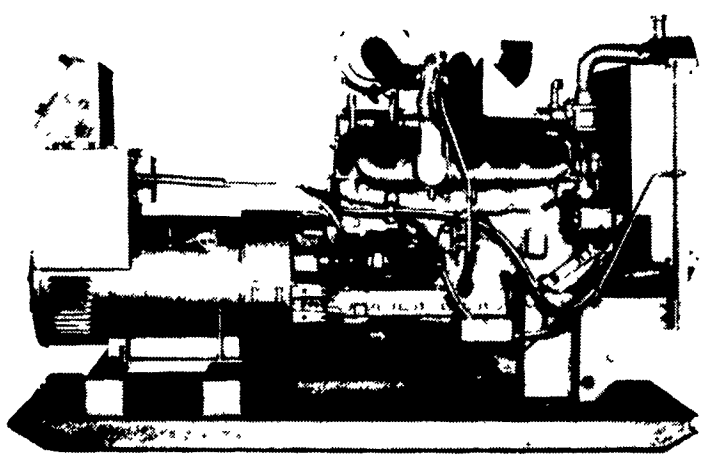

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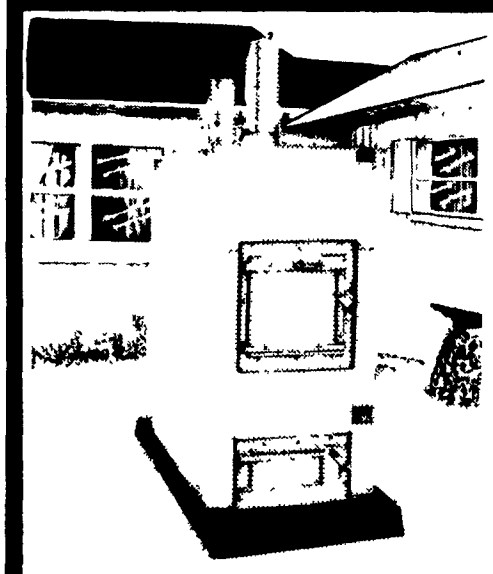

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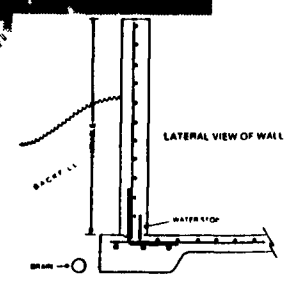

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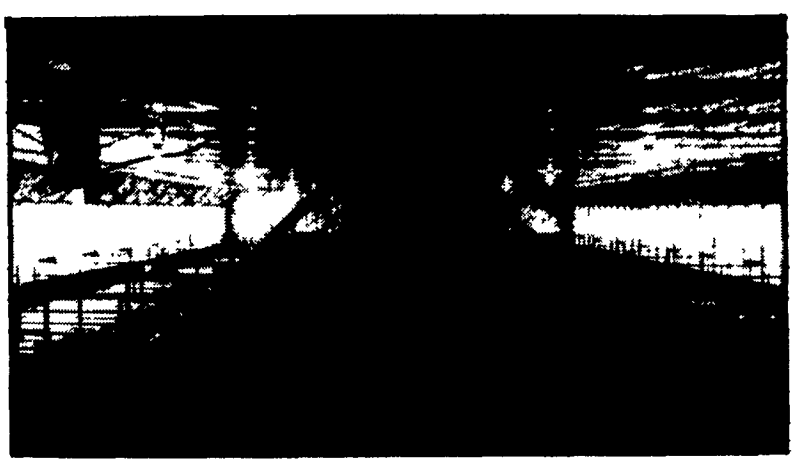

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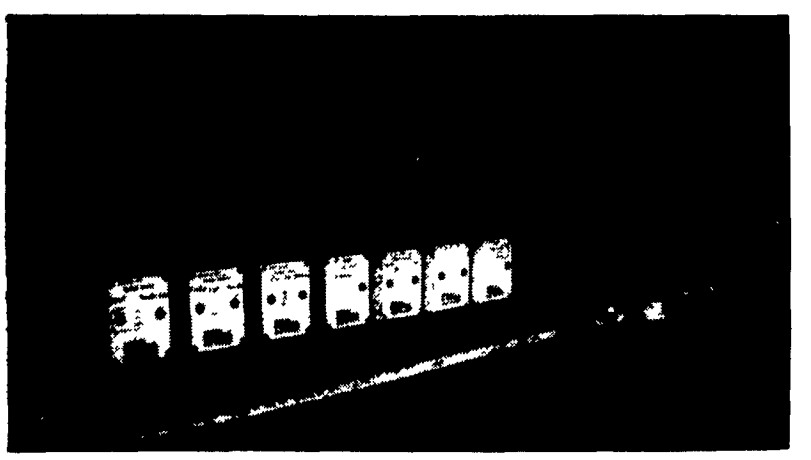

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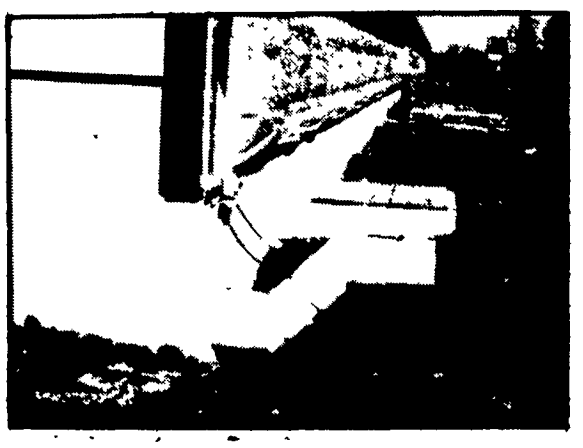

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Lebanon County Cows Lead State In Production

KENBROOK (Lebanon Co.) — For the second year in a row, Lebanon County leads the state in milk production, and also fat and protein production, it was announced during the county's annual Dairy Herd Improvement Banquet (DHIA) Tuesday.

However, while the county topped the rest of the state in all production, the county dropped its own record of average butterfat production.

For the 1990 calendar, which ended September 30, the average pounds of milk produced by a Lebanon County cow was 18,402. The state average was 16,846 pounds of milk. Last year Lebanon County cows averaged 18,360 pounds of milk.

The average cow in Lebanon County produced 674 pounds of butterfat, compared to the state average of 621 pounds. Last year, Lebanon County cows produced and average 679 pounds of butterfat.

In protein production, which many dairymen have started to switch breeding and care programs toward, Lebanon County slightly increased its own record from a 1989 average production of 584 pounds to a 1990 average of 585 pounds. The state average was 538 pounds.

Lebanon County, although not as dairy cattle dense as neighboring Lancaster County, has shown high rolling herd averages from its dairy farms. It is also known for having several breeds of high quality dairy cattle in addition to Holsteins.

Last year, county extension agent Kenneth Winebark conducted a survey of county dairymen to see what they felt was different about Lebanon County.

Many of the answers surrounded the quality of the soil and resulting crop, which was interpolated to mean better feed and better milk production. Others talked about quality of care and the devotion of the county's dairy community to high standards.

Although the number of dairymen in the county has gone down in the last half century, the number of herds and cattle enrolled in the DHIA program has grown tremendously.

In existence for 61 years, the Lebanon DHIA has shown an almost continuous increase in the average number of cows, the average production of milk and butterfat.

From 1929 to 1990, five-year averages show an early production average on 328 cows with an average 9,061 pounds of milk. In 61 years, the average Lebanon County cow give twice as much milk, according to statistics provided by extension agent Winebark.

In other business, the association also elected several new directors for 1991 and recognized achievements of its members.

A reorganization is scheduled for next meeting.

Farm Tops September List

WESTMINSTER, Md. — Windsor Manor Farm owned by Jason and Donna Myers of New Windsor, Maryland, had the herd with the highest average for the month of September, according to figures just released by the Carroll-Baltimore Dairy Herd Improvement Association (DHIA).

DHIA is a milk testing and record system used by the modern dairymen to help him to manage his business more efficiently. These records are also used in improving sires for artificial breeding and are used in research conducted by the USDA and the University of Maryland.

During September, 95 dairymen in Carroll-Baltimore counties participated in this program.

The top ten herds, based on their herd averages over the past year, are: Windsor Manor Farm (Jason and Donna Myers), No. Cows- 52, Milk- 20,979, Fat- 761; 2nd- Unicorn Associates (Cam Davis and Tom Powel), No. Cows- 113, Milk- 20,904, Fat- 756; 3rd- Maple Lawn Farm (Iager), No. Cows- 161, Milk- 20,174, Fat- 754; 4th- Ray and Mike Haines, No. Cows- 53, Milk- 20,201, Fat- 752; 5th- Steven E. Ruby, No. Cows- 69, Milk- 19,965, Fat- 743; 6th- Marlin Hoff, No. Cows- 361, Milk- 20,223, Fat- 740; 7th- Del-Myr Farm (Jeff Myers), No. Cows- 57, Milk- 20,061, Fat- 733; 8th- Garstlyn Holsteins, No. Cows- 80, Milk- 19,754, Fat- 730; 9th- Harry W. Roach, III, No. Cows- 90, Milk- 19,272, Fat- 729; 10th- James and John Myers, No. Cows- 55, Milk- 19,749, Fat- 727.

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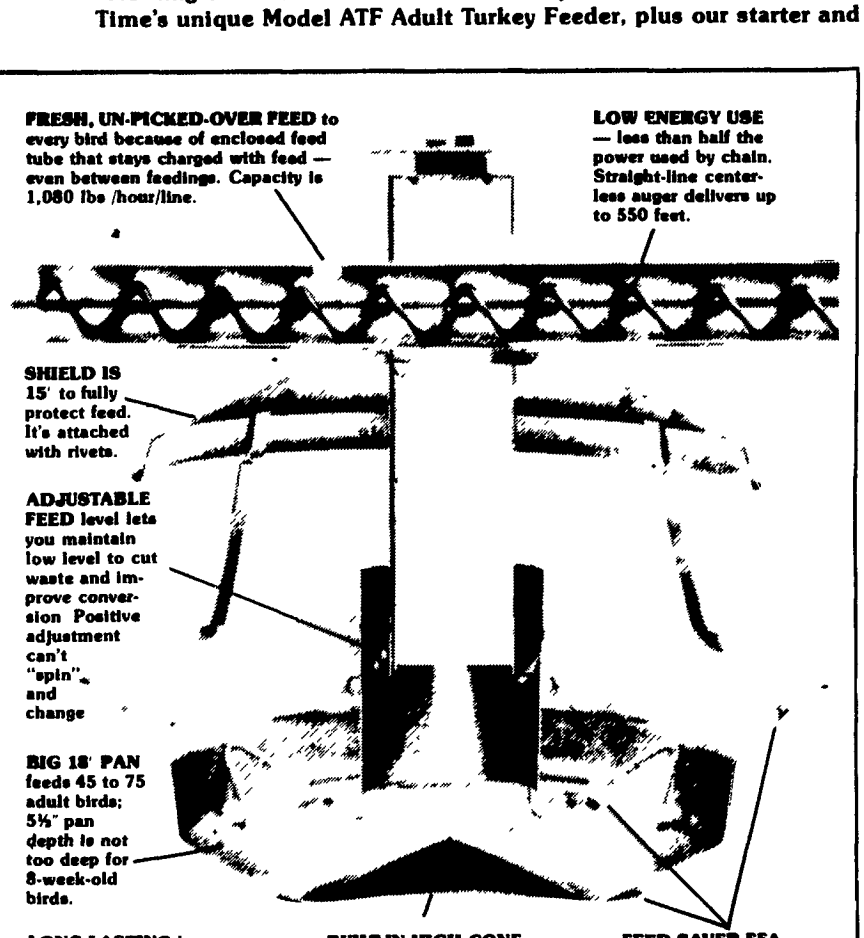
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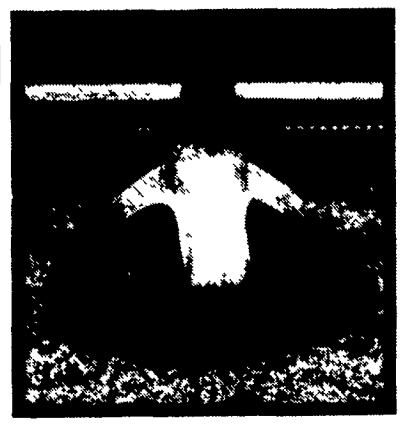

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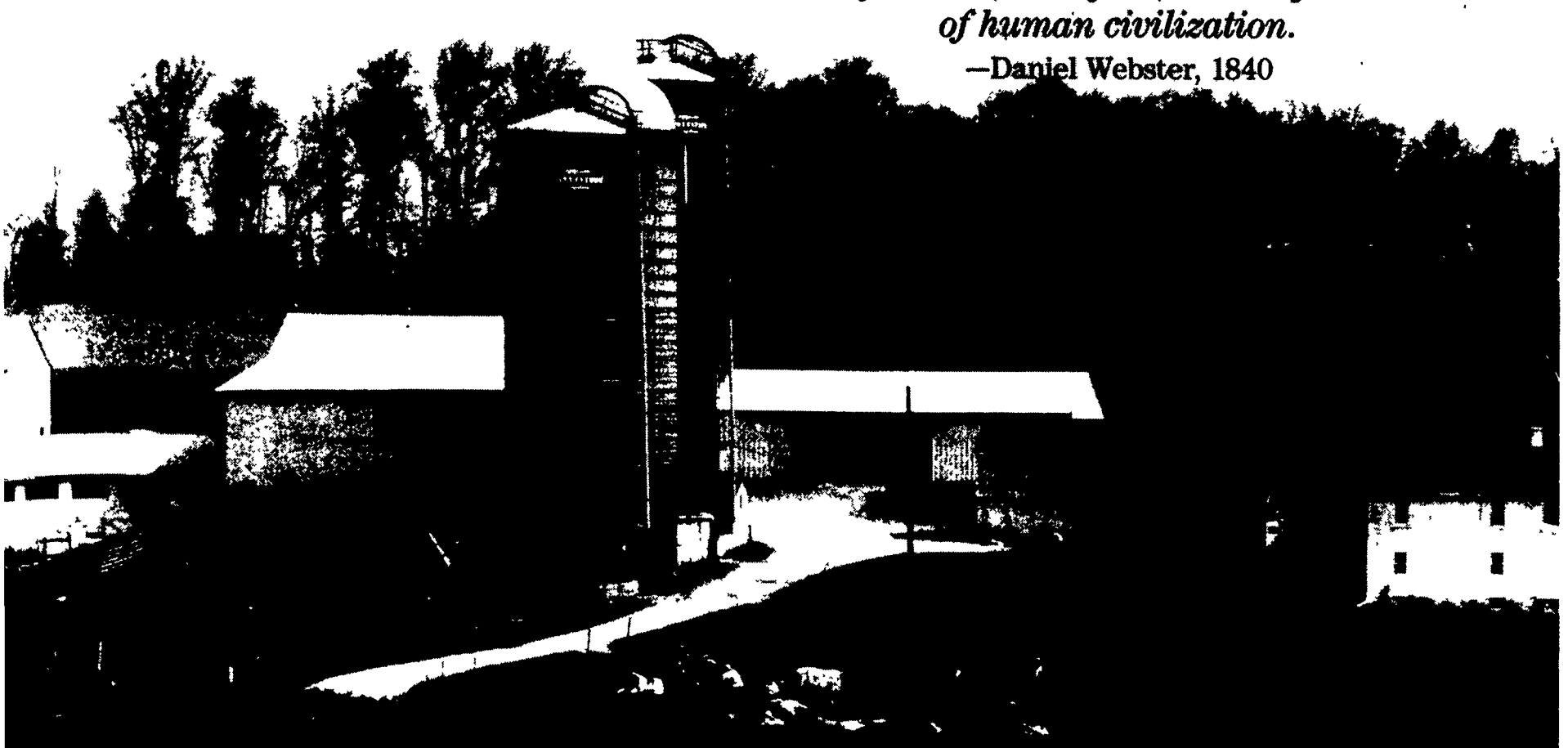

Congratulations to this year's Century Farm Families.

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so much to our community and our lives.
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1637 River Road
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In the family since 1864
Ralph M. and Verna Hostetter
470 Farm Lane
Manheim, PA 17545

In the family since 1856
Samuel and Katie Augsburger
180 Wissler Road
New Holland, PA 17557

In the family since 1866
David H. and Anna Lois McMichael
108 Marticville Road
Lancaster, PA 17603

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Forage Conference

(Continued from Page A1)

Representing farmers will be past president James L. Hostetter- from McVeytown. Hostetter owns a 200 acre dairy farm in Mifflin County. His 46 cow herd of registered Holsteins averages 19,232 pounds of milk per cow and 765 pounds butterfat. This incumbent received the National Honor Award from the Soil Conservation Society of America in 1985 and was a National Conservation Farmer winner in 1984.

Representing education will be incumbent Thomas W. Calvert of Berlin. Born and raised on a sheep-dairy farm in Green County, Calvert has a B.S. in Animal Husbandry from Penn State. He is currently an Area Conservation Agronomist in Southwestern Pennsylvania for the Soil Conservation Service. Calvert has been a director and past president of the PA Livestock Association, and a member of the National and Pennsylvania Cattleman's Association and the PA Forage and Grassland Council. In 1989, he received the Distinguished Alumnus Award from PSU Department of Dairy and Animal Science.

PA Forage and Grassland President John Baylor honored three individuals for outstanding contributions to Pennsylvania agriculture through research, teaching and dedicated service.

Dr. Nate Hartwig, a native of Wisconsin, joined the staff at Penn State in 1969 as a weed research specialist. During the past 20 years, Dr. Hartwig has conducted practical research programs in weed control for all agronomic crops. Much of Hartwig's research results can be immediately and directly applied and used by producers in their programs. Fifteen years ago, Hartwig became interested in the use of living mulch, an important part of conservation farming.

Dr. Larry Muller received recognition for outstanding research, teaching, and publishing. Muller, who earned his PhD at Purdue University, joined the staff at Penn State in 1969 where he has conducted research in Dairy Nutrition and Management with emphasis on forage evaluation.

Each year the PA Forage and Grassland Council presents a special award to an individual who has provided outstanding service and contribution to the PA Forage and Grassland Council and to the PA Forage and Livestock Industry. This year's award, the 24th of its kind, went to dairy farmer Harold Gayman of Franklin County. In 1976, Gayman received the Outstanding Grassland Farmer Award given by the PA Forage and Grassland Council. In 1977, he earned Alfalfa Grand Champion Grower in the alfalfa program. Gayman served as President of the PA Forage and Grassland Council in 1981 and other years as a board member. When being introduced, Gayman was described as "a true conservationist", one who practiced no-till seeding techniques for corn and alfalfa long before the practice was widely adopted.

The 1990 Annual Forage Conference began with keynote speaker Dr. Rick Klemme, Associate Professor of Agricultural Economics at the University of Wisconsin-Madison. He is also director for the Center for Integrated Agricultural Systems.

Dr. Klemme's presentation, "The $ and Sense of Forages", addressed the issue of Agriculture and the environment, the importance of environmental considerations in agriculture. Both consumer concern for water quality and many environmental signals point toward the use of more alfalfa, forage, and grasses. One issue Klemme feels is overlooked when discussing the environment is that "farmers are concerned as much as anyone else in terms of what's happening in agriculture and the environment - it's their groundwater, their well water, it's their family health, it's their soil. Farmers are indeed environmentalists, sometimes constrained by having to make profits, but for the most part, have good stewardship capabilities".

In improving the environment, Klemme stated four advantages that the use of forages offer:

1. Soil Structure and organic matter.
2. Alfalfa, clover, and other forages require a lot less pesticide use than corn (less chance for groundwater contamination).
3. Soil erosion reduction possibilities.
4. The main advantage in crop rotation is the ability of some forages to fix nitrogen for the following crop.

While forage crops offer a "big environmental advantage", farmers must financially justify the increased use of crops that help protect the environment. Incentives to move in that direction, if profitable, include rotation advantages, diversifying to more ruminant livestock, and cash crop potential.

Dr. Klemme spent some time discussing the results of a study on the profitability and associated risk of a 6 crop rotating system, a study conducted as part of a University of Wisconsin research consortium project. Six different systems were included in the experiment: Continuous corn, continuous meadow (alfalfa), corn- soybeans- corn- oats- alfalfa, corn- corn- corn- alfalfa- alfalfa, corn- corn- oats- alfalfa- alfalfa, and corn- corn- alfalfa- alfalfa.

The study concluded "the systems containing the highest proportion of corn and oats attained the most profit enhancement from government programs over the ten year period. Continuous cropping systems were the most profitable under both pricing scenarios (with or without government programs). CCOAA was the most profitable rotation whereas CSbCOA was the least profitable system among all six systems".

Klemme stressed the need to find new areas of demand for forages such as the increased utilization of forages in dairy cow rations, potential use of alfalfa for industrial purposes (biopulping, food processing, carbohydrate conversion, detoxification of environmental toxins) and the feeding of pelleted products to non-ruminants.

To summarize, Klemme stated "the bottom line in terms of looking at forages is that there are a lot of factors out there driving farmers to produce more forages, but they're not necessarily economic factors. As you know, what's going to drive farmers to change is, they'll have a good environmental ethic, but evidence says it is the profitability signals that will drive farmers to adopt more forages in rotations".

Also featured at the conference were 12 specialists from the Pennsylvania State University and the USDA Pasture Research Lab.

"FORAGE AND DAIRYING: IS THERE A PLACE FOR PASTURES"

By L.D. Muller and S.L. Fales, Professors of Dairy Science and Associate Professors of Agronomy at PSU, W.J. Parker, Visiting Adjunct Assistant Professor, Massey University, Palmerston N., New Zealand. Dr. Muller presented this conclusion:

"In closing, it is critical that the financial consequences of intensive grazing be quantified to determine when pastures can be an important part of the total forage system. The large area of land suitable for grazing along with our increasing public concerns for soil erosion and nutrient management, and dependence on chemicals and fuels, suggest that grazing will be an environmentally desirable method of "harvesting" forages. The result of our research, along with other new knowledge of intensive grazing systems, may make this a profitable alternative for the "smaller" dairy farm and perhaps for the feeding of replacement heifers on "larger" dairy farms."

"ENSILAGE FOR NONPREGNANT, GESTATING AND LACTATING EWES"

By Dr. Clair Engle, PSU

"Maintenance and production requirements for sheep can be met for most instances with a forage base ration. Important to this factor is the ability to maintain an average body condition score of 3 with the range of very thin to fat ranging from 1 to 5, respectively High quality, mold-free ensilage can be a major roughage source for all the ewe production phases; maintenance, gestation and lactation provided ration adjustments are made to meet the additional

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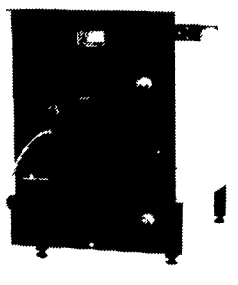

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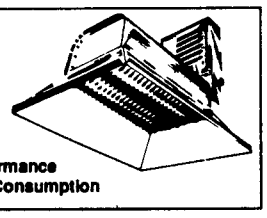

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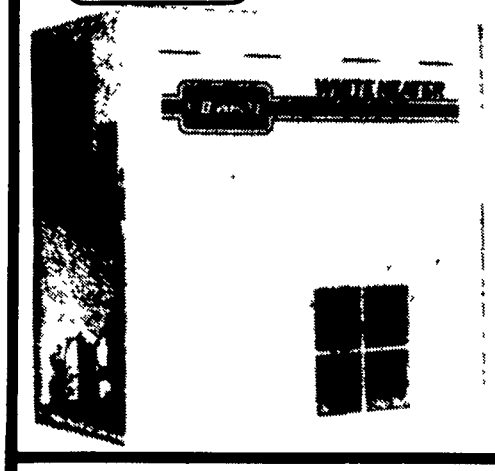

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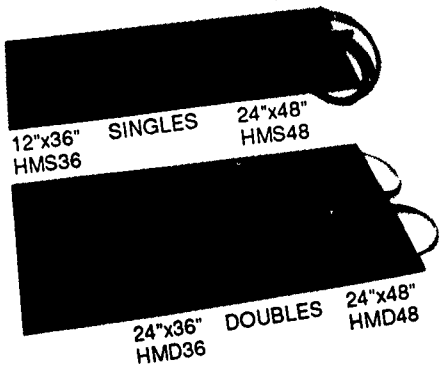

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Forage Conference

(Continued from Page A28)

energy and protein requirements. A forage analysis is paramount before anybody can objectively match the feed source(s) to a production phase."

"ENSILAGE FORAGES FOR FEEDLOT CATTLE"
By Dr. John Comerford, Dept. Of Dairy And Animal Science

"The increase in forage as a component of a feedlot ration will increase the number of days in the feedlot to reach a given endpoint. With the price of cattle relatively high, this also increases the cost of ownership through interest and yardage costs (Depreciation, taxes, etc.) Frame size and breed type will also influence these results. As mature size increases, so will the days required to reach a compositional (grade or fatness) endpoint. The animals will be heavier and, therefore, have a higher feed requirement for maintenance for a longer period of time. Daily gains and feed efficiency will be reduced. Our research at Penn State shows this factor is magnified with Holstein steers, particularly when alfalfa haylage is used."

"MARKETING HAY AS A "CASH CROP"
By Dr. Cathy A. Hamlett, Assistant Professor, Department of Agricultural Economics, PSU

Horse-feed buyer's preference on bale characteristics are dustiness, smell, cleanliness (freedom from weeds), stage of maturity when cut, palatability, lack of stems, color, nutrient tested, bale form. Results from the PA Forage and Grassland Council survey of hay dealers concludes that dealers have trouble with farmers knowing the value of hay. "Clearly, helping producers to judge hay quality and to produce high quality hay is agreed upon by dealers as being important". Results of the feasibility study of a hay marketing coop by Dr. Hamlett completed. "Hay sellers must be willing to give time, invest money, and commit production. Methods of locating buyers tended toward the informal with repeat sales (42%) of answers, word of mouth (23%), neighbors (12%). Ads in papers were used by only 6% of the sellers".

"UPDATE ON ALFAFA-RYEGRASS MIXTURES"
By Dr. Gerald A. Jung, Research Agronomist, USDA-ARS Pasture Research Lab

Results of some research trials:

— Alfalfa yield was not affected by ryegrass seeding rate during establishment in the fall.

— Annual yield of digestible dry matter was maximized when alfalfa and perennial ryegrass were seeded at approximately 18 and 12 pounds per acre respectively.

— When high rates of manure are applied to alfalfa-grass stands, grass dominates the mixture.

"WHAT'S NEW THAT BENEFITS YOU - INSECTS AND ALFALFA?"
By Dr. Arthur A. Hower, Department of Entomology, PSU

Hower's talk focused on the issue of clover root curculio, an insect which, due to its subterranean nature, is one that has gone unnoticed. "Efforts in 1990 were begun to establish biological control against the clover root curculio insect."

"WHAT IS NEW IN NIR (Near Infrared Reflectance Spectroscopy) THAT BENEFITS YOU?"
By Dr. John Shenk, Professor Of Agronomy

Possible new applications of NIR:

1. Analysis of forage unground and undried.
2. Fiber optics to do analysis remotely.
3. Color measurements combined with NIR analysis.
4. Soluble protein, available protein, and amino acid analysis.

"WHAT'S NEW IN LIVESTOCK/FORAGE RESEARCH"
By Dr. Harold W. Harpster, Associate Professor Of Animal Science

Harpster discussed 5 ongoing research projects:

1. Beef and sheep co-grazing.
2. Tall fescue in sheep grazing systems.
3. Creep grazing.
4. Alfalfa and corn forages for Holsteins and beef breed steers.
5. High grain and high forage diets for ram lambs.

"PLANT PATHOLOGY UPDATE"
By Dr. K.T. Leath, USDA Pasture Research Lab

"Of particular interest to PA growers are the new cultivars with resistance to Aphanomyces euteiches", a strain of fungus that attacks alfalfa.

"Commercial breeders are focusing attention on increased resistance to foliar and seedling diseases. The fungicide, Ronilan, is currently being considered as a fall protectant spray and the company is seeking clearance for this application."

Cornell has produced a video on leaf diseases and a detection-diagnostic kit is on the market to identify (faster and easier) Phytopthora in alfalfa. Old remedies such as hot water and chlorine seed treatments are reappearing.

"WHAT'S NEW IN FORAGE MANAGEMENT RESEARCH?"
By Dr. S.L. Fales, Department Of Agronomy

"Recently initiated projects are focusing on intensive pasture management. Long ignored by research at Penn State, pasture is increasing in use throughout Pennsylvania, resulting in a need for updated information on management strategies. Our current efforts emphasize pasture for dairy cows and include studies of animal nutrition, plant germplasm screening, and a large-scale grazing study that examines the effect of seasonal stocking rate on milk production and farm profitability".

"ALTERNATIVE CONDITIONING TREATMENTS FOR MAKING HAY"
By Dr. Dennis R. Buckmaster, Assistant Professor Of Agricultural Engineering

"A computer modeling study has shown that consistent use of chemical conditioning does improve farm net return. This is a result of increased hay quality and yield which reduce feed costs by about $6 for each ton of hay fed."

Maceration and mat drying - Maceration involves the shredding of the alfalfa plant. The macerated mass is then pressed into a mat 1/3 inch thick. This mat can be dried to a hay making moisture content within one day. Benefits of maceration include an improvement in forage digestibility as well as an increase in intake potential. Machinery required is not yet available in the U.S.

"WHAT'S NEW IN FIELD MAPPING THAT BENEFITS YOU?"
By Dr. Les E. Lanyon, Associate Professor Of Soil Fertility

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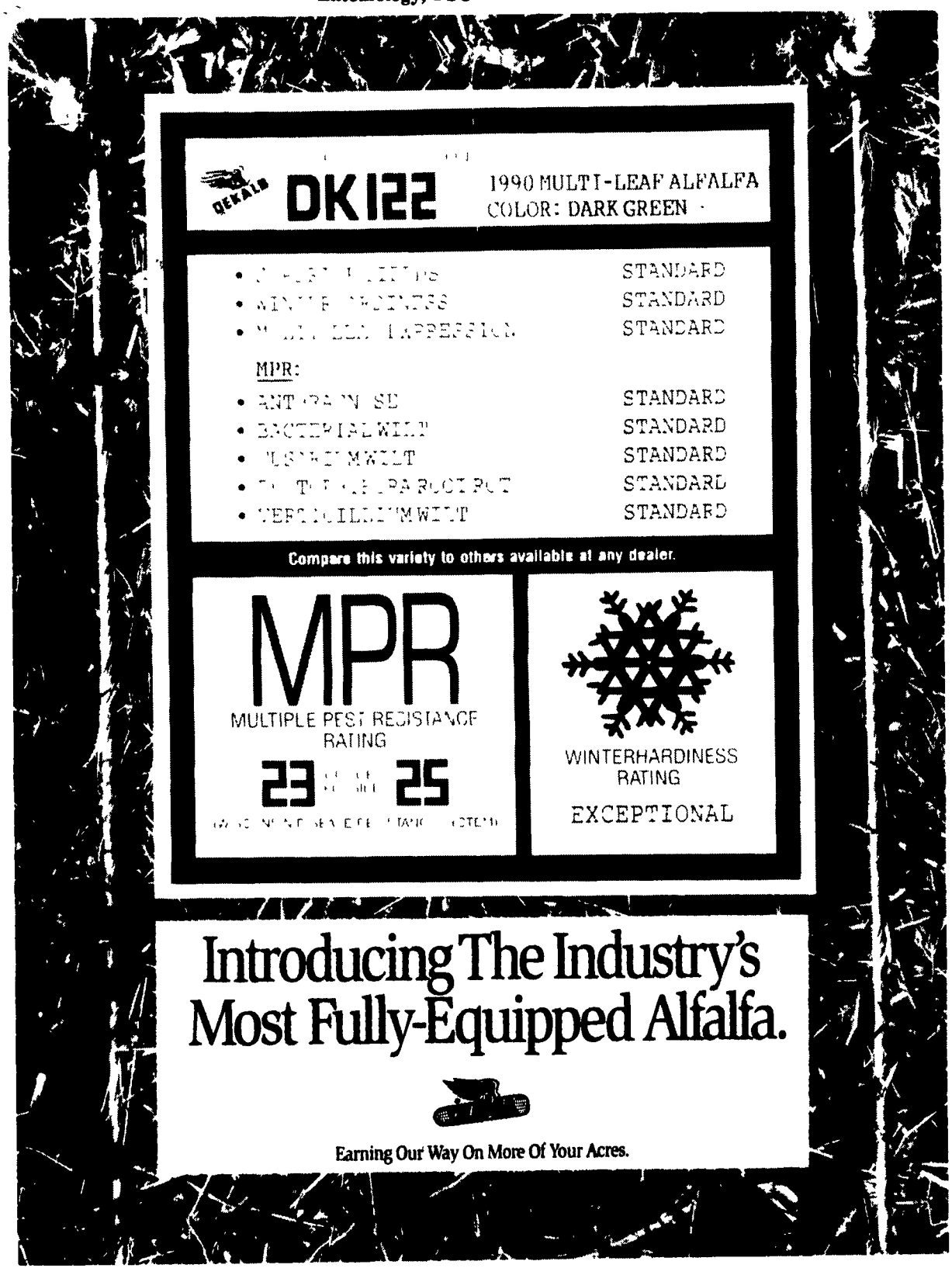

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Lebanon Recognizes 4-H Dairy Achievers

ONO (Lebanon Co.) — Outstanding 4-H Dairy members were honored at the Lebanon County 4-H Dairy Banquet at the Ono Firehall, Ono.

This banquet climaxed the 1990 project year and was hosted by the NORLEBCO 4-H Dairy Club. Emcee, Karen Lentz, welcomed the 200+ 4-H members, leaders, families and guests. Corey Bomgardner and Lawanda Shuey led the Pledge of Allegiance, and 4-H Pledge, respectively, while Tom Shuey gave the invocation. Terry Hill, Lebanon County Dairy Princess addressed the group on how special 4-H Dairy Club work is. She then moderated a Dairy Bowl competition between 4-H members and leaders.

All 4-H club members, leaders and sponsors in attendance received a special hand-crafted cow memento for the 1990 club year from their respective club secretaries: Becky Elliot, Lawanda Shuey, Stephnanie Wagner and Jeff Zimmerman. John Bomgardner, and Alan Hostetter, Lebanon 4-H Dairy Judging Team coaches presented awards to the judging team members. Terry Hill, Lebanon was presented with a plaque for being Lebanon County's 1990 Outstanding Dairy Judge while Kurt Hostetter received honors for Top Hoard's Dairyman Judging. Lebanon County Dairy Bowl Team, members were honored by coach Mike Kunkle. Mike also presented the Outstanding Dairy Bowl member awards to Karen Lentz and Steve Bollinger.

Kenneth Winebark, Extension Dairy and Livestock Agent, then recognized the following award winners. Winners in the County Dairy blue form category were announced to be Michelle Ungemach, Terry Hill, Kevin Goss and Dave Lentz. Kynel Bomgardner was also honored for receiving the Susan Heilinger Werner Memorial Award.

Receiving the top County and Club Rookie awards are as follows: Lebanon County Outstanding "Rookie" and NoSo Ann Club Rookie was Amanda Martin while Kendra Reist won the Cedar Crest Club Rookie award.

In a new category three winners were named. Lebanon Agway sponsored a Best Bred and Owned class at the 4-H Round Up. This class was judged by not only the animals type but included their 4-H project record book.

The winners of the $100.00 Savings Bonds were Kynel Bomgardner, Jesse Bomgardner and Judy Mase.

Also honored were members with excellent project record books. 1990's Lebanon County Outstanding Record Book was submitted by Kynel Bomgardner of the Norlebco Dairy Club. Named as the other club record book winners were Duane Nolt, ELCO Dairy, Kathy Habecker, NoSoAnn Dairy Club, and Rachel Krall, Cedar Crest Dairy Club.

Lebanon County 4-H Dairy club members would like to thank these sponsors of awards and door prizes. Without their help the program could not go on: IBA-Scott Balsbaugh; JuVindale Holsteins; Fahnestock Farm Supply; Lebanon Valley National Bank; Ken-Ire-Holsteins; Bernard Morrissey Insurance; Sonnen Acres Farm; Penn Jersey Products, Inc.; Evergreen Tractor Co.; Justa Farm; FM Brown's Sons Feeds; Atlantic Breeders; Animal Clinic of Avon; Loving Meadows Farm; Hamilton Bank; Harry H. Bachman-Auctioneer; Amos Balsbaugh Insurance; Shirksville Farm Supply; Promise Lane Farm; Mark C. Hershey Feeds; Keystone Farm Credit; Sonnen Springs Farm; Monsanto; Agri King-Marvin Meyer & Willis Martin; Keller Bros.; Star Silo, Inc.; K&K Feeds; Gehmans Feed Mill; BHM Farm Equipment; Miracle Feeds - Bob McMillen; Select Sires - Lynn Krissinger; Sire Power - Eldon Ford; Umbergers of Fontana; Shuey Farm Service; and Zimmerman Farm Service.

4-H Dairy Club Leaders recognized for their dedicated hours of service were Dave Vail, Richard Krall, Frank Reist, Angie Bollinger, Donald Bollinger, Bruce Heilinger, Kirby Horst, Roy Miller, Malcolm Sonne, Rebecca Sonnen, Vincent Wagner, Nelson Troutman, John Bomgardner, Nelson Bomgardner, Barry Don-

(Turn to Page A36)

The top Lebanon County 4-H Dairy Club record book winners are, left to right, Duane Nolt, Kathy Habecker, Kynel Bomgardner and Rachael Krall.

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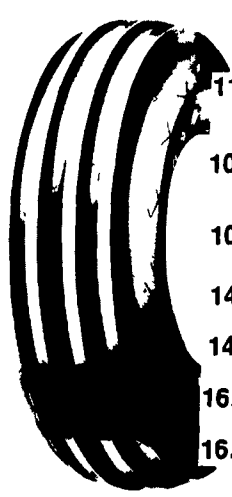

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10.00-16 6 Ply TL	$103.00
10.00-16 8 Ply TL	$109.00
14L-16.1 6 Ply TL	$201.00
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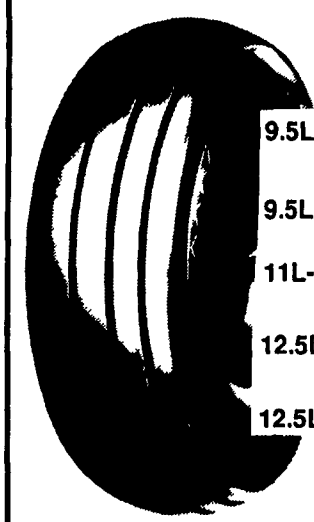

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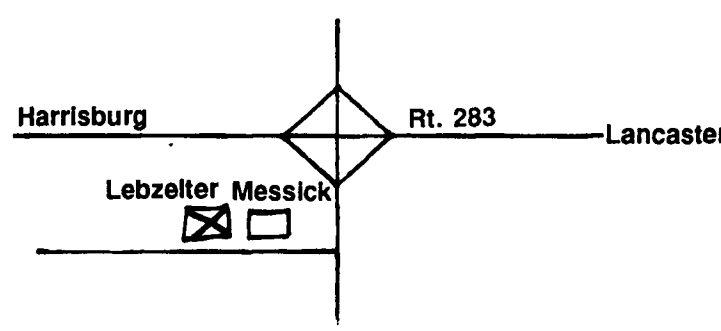

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Milking Interval Timers

PA DHIA members have experienced excellent success with the AM/PM testing program. Dairymen receive the same management records as those purchasing 2X DHI.

The primary advantage to the member is the elimination of one supervised visit on sample day.

The dairymen gives the supervisor the milking times for the previous milking, thus establishing a milking interval. To produce records for use in PTA calculations and breed association pedigrees, however, an electronic milking interval timer must be installed and operating on the member's farm. This is only for record plans DHI-APT (code 01) and DHIR-APT (code 21).

The timer records electronically the start and stop times for several milkings and stores them consecutively. The timer contains a battery back-up and the wash and sanitation cycles are locked out, assuring an accurate record.

The DHIA Supervisor captures from the timer the milking times of the previous milking and the milking he or she "monitored" and sampled.

Because exact milking times are recorded, records are factored to represent an exact 24 hour period, thus assuring accuracy for all "official" purposes.

Timers are available from PA DHIA, as well as instructions concerning installation and operation. It is suggested that an electrician or milking equipment dealer be hired to ensure proper installation.

Basically, the timer needs to be on its own 110 volt circuit, grounded, and protected from excessive moisture. It needs to be accessible by the supervisor and checked periodically for proper functioning. The batteries should be replaced annually or when needed.

The timer must be working when the supervisor tests the herd, so if you have a timer or purchase a timer, keep your supervisor informed if the unit is not functioning properly. Do not hestitate to call 1-800-DHI-TEST for more information concerning timers.

How Does Your Herd Compare?

STATE COLLEGE (Centre Co.) — This data is pulled from Pennsylvania DHIA's mainframe computer each week. It is a one-week summary representing approximately one-fourth of the herds on test, as they are tested monthly.

These data are valuable from a business management standpoint and can be used for comparing your operations to the averages from almost 1,400 herds across the state.

DHIA Averages for all herds processed between 11/05/90 and 11/12/90

Number of Herds Processed	1,443
Number of Cows Processed	82,928
Number of Cows Per Herd	57.4
Milk Per Cow (Lbs)	17,043
%-Fat	3.66
Fat Per Cow (Lbs)	625
%-Protein	3.17
Protein Per Cow (Lbs)	541
Average Days in Milk Per Cow	315
*Value for CWT Milk($)	14.83
*Value for CWT Grain($)	7.95
*Value for CWT Hay($)	4.33
*Value for CWT Silage($)	1.52
*Value for Pasture Per Day($)	.31
*Value for Milk Per Cow Per Year($)	2,527
*Feed Consumed Per Cow Per Year(Lbs)	
A: Grain	6,895
B: Hay	2,644
C: Silage	14,497
D: Day Pasture	68
*Feed Cost Per Cow Per Year($)	
A: Grain	548
B: Hay	114
C: Silage	220
D: Pasture	21
*Total Feed Cost Per Cow Per Year($)	905
*Income Over Feed Costs Per Year($)	1,622
*Grain to Milk Ratio	1:2.4
*Feed Cost Per CWT Milk($)	5.31
Avg Level For 1,197 SCC Herds	336,324

*Member generated figures

Average Farm Feed Costs For Handy Reference

To help farmers across the state to have handy reference of commodity input costs in their feeding operations for DHIA record sheets or to develop livestock feed cost data, here's this week's average costs of various ingredients as compiled from regional reports across the state of Pennsylvania. Remember these are averages so you will need to adjust your figures up or down according to your location and the quality of your crop.

Corn, No. 2y - 2.45 BU. 4.39 CWT.

Wheat, No. 2 - 2.72 BU. 4.54 CWT.

Barley, No. 3 - 1.99 BU. 4.26 CWT.

Oats, No. 2 - 1.29 BU. 4.02 CWT.

Soybeans, No. 1 - 5.46 BU. 9.12 CWT.

New Ear Corn - 55.48 BU. 2.77 CWT.

Old Ear Corn - 72.00 BU 3.60 CWT.

Alfalfa Hay - 109.00 BU. 5.45 CWT.

Mixed Hay - 93.00 BU. 4.65 CWT.

Timothy Hay - 95.00 BU. 4.75 CWT.

We're Plotting To Get Your Business

HERE ARE SOME NC+ FARM PLOT RESULTS:

ELVIN M. HURSH — LITITZ, PA — PLOT #: 371
Planted: 05/19/90 — Harvested: **/**/** — DISTRICT: 29
Management: Non-Irrigated — Row Width: 0 — DIVISION: 3
Fert Lbs/Ac: 150N-0P-0K — County: Lancaster — Outside
Type: F.A.R.M. PLOT — Prev Crop: Corn
Herbicide: Lasso

Brand Hybrid	Plant Pop.'	Stalk Ldg. %	Moist. %	Test Wgt.	#2 Yield/ Ac. Bu.	#2 Yield/ Ac. Lbs.	Check Adj Bu./Ac.
NC+ 5891	21000	4.0	25.3	59	145.2	8133	
NC+ 5158	22000	8.0	25.3	58	139.6	7820	137.2
NC+ 5212	22000	6.0	24.8	60	126.5	7081	124.3
NC+ X5275	20000	0.0	25.0	57	138.5	7753	136.6
NC+ 5891	21000	4.0	25.3	59	144.2	8073	
NC+ 5717	20500	10.0	25.0	57	157.8	8794	157.5
NC+ X5850	25500	4.0	27.8	58	147.3	8246	149.8
NC+ 6414	22500	16.0	27.0	57	154.2	8637	158.9
NC+ 5891	22500	6.0	26.5	58	135.8	7605	
NC+ 7507	20500	6.0	30.3	54	154.3	8640	156.9
NC+ 8085	19500	6.0	26.5	57	139.1	7791	137.7
NC+ 8100	22500	0 0	29.2	58	155.6	8715	150.1
NC+ 5891	23000	0.0	26.8	59	152.1	8519	
NC+ X8551	21500	2.0	29.8	56	156.2	8745	152.2
NC+ 5891	25000	25.0	24.5	58	135.4	7581	
PLOT AVG.	21933	6.1	24.9	58	136.3	7633	133.0
CHECK. AVG.	22500	7.8	25.7	59	142.5	7982	

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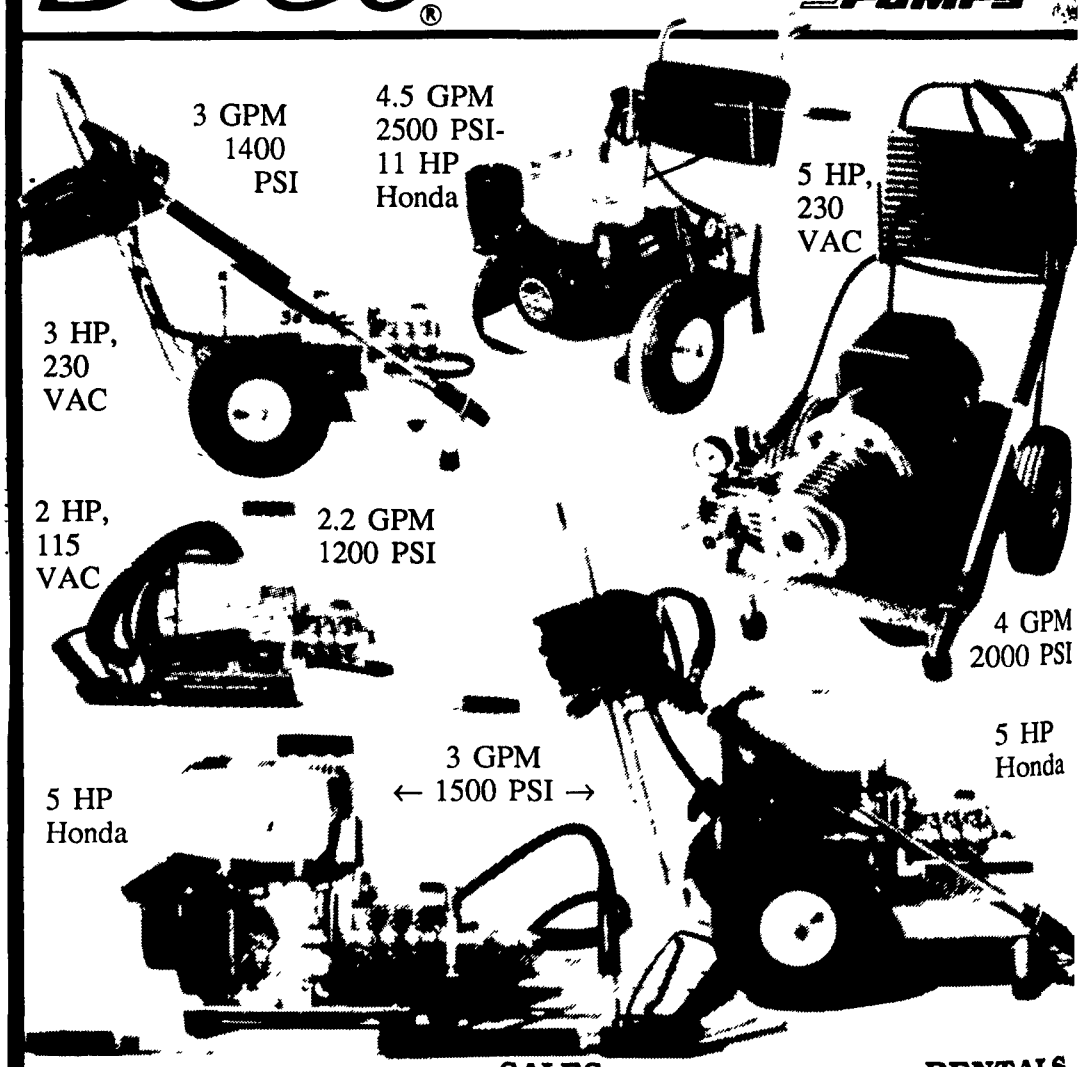

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Gehl Breaks Ground In Lebanon

LEBANON (Lebanon Co.)—Land that was used for farming this year will be producing agricultural equipment by next year's planting season if all goes according to plans for Gehl Company's new facility. Gehl with headquarters in West Bend, Wisconsin, broke ground here Tuesday afternoon for a new 170,000 square-foot facility for manufacturing agricultural equipment on 25 acres of land located southeast of Lebanon, off State Drive and north of Route 419. The plant is expected to be operational by mid-1991.

At ground breaking ceremonies for Gehl Company's new 170,000 square-foot facility in Lebanon.

Bernard Nielsen, president and chief executive officer, told the tent full of dignitaries that the ground-breaking marked a new era in the history of the Gehl Company.

"Only five years ago, the agricultural equipment industry was faced with a severe depression," Nielsen said. "At that point, we made a strategic decision to take advantage of the opportunities and invest in the future of agriculture and our business. Over the past five years we have expanded our business from $39 million in 1985 to a projected $175 million this year through the development and acquisition of many new products."

One of those acquisitions was the Hedland Martin Manufacturing Company located in Myerstown. And it was this contact with Pennsylvania and its workforce that eventually brought Gehl to this area.

"The fact that this historic ground breaking is happening here in Lebanon is a real tribute to our Pennsylvania people," Nielsen said. "Quite frankly, Pennsylvania did not initially surface as the best location for our first World Class facility. But with their hard work and dedication, our employees here convinced us that they had what it takes to be World Class and the desire to actively contribute to our success. We are here today because of their efforts."

Nielsen also credited the Governor's Response Team, the State Department of Commerce, Lebanon Valley Economic Development Corporation and other state and local agencies with help.

Participating with Nielsen in the ceremony were: Ray Christman, secretary of commerce and executive director of the Pennsylvania Economic Development Partnership; Bary Blinka, vice president and general manager, Gehl Agricultural Division; Carl Just, general plant manager, Gehl Lebanon Facility; Congressman Robert Walker; Rose Marie Swanger, Lebanon County Commissioner; William Hendrick, Chairman, Lebanon Valley Economic Development Committee; Paul Krause, South Lebanon Township Supervisor; and Michael Heagy, Employee Representative, Gehl Lebanon Facility.

NAME Darryl Gross
TITLE Executive Loan Officer Lancaster Branch
EDUCATION Ag Business degree from Penn State
FARMING BACKGROUND Raised on family dairy farm in Lebanon County
BANKING BACKGROUND 10 years experience with Farm Credit in Lebanon and Lancaster Counties

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Penn State Dairymen Meet

Dr. Stanley Curtis, head of the Penn State Dairy and Animal Science Department, addresses the club.

Bob Patton (left) receives the first Dairymen's Club Service Award from Dan Greggs, Award Committee chairman and a club director.

JUDITH PATTON
Centre Co. Correspondent

STATE COLLEGE (Centre Co.) — At the recent 14th annual meeting of the Penn State Dairymen's Club, President Lolly Lesher announced two new club programs.

The dinner meeting took place in State College on Nov. 1.

Of the new programs, a club advisory panel was formed to discuss the needs of the Pennsylvania dairy industry and ways Penn State can meet those needs with Penn State Animal and Dairy Science Department faculty and administration.

The panel met with Dr. Stanley Curtis, department head, and faculty members and will participate in a department retreat on further discussion between faculty members and industry representatives.

Serving on the panel are Alan Bair, Atlantic Breeders Cooperative; Robert Patton, Monsanto Agricultural Company; William Dietrich, Dietrich's Milk Products; and Ken Raney, Pennsylvania Holstein Association.

The second new program is the presentation of a service award to recognize a person who has made an outstanding contribution to the Pennsylvania dairy industry. The first award went to Dr. Robert Pat-

(Turn to Page A37)

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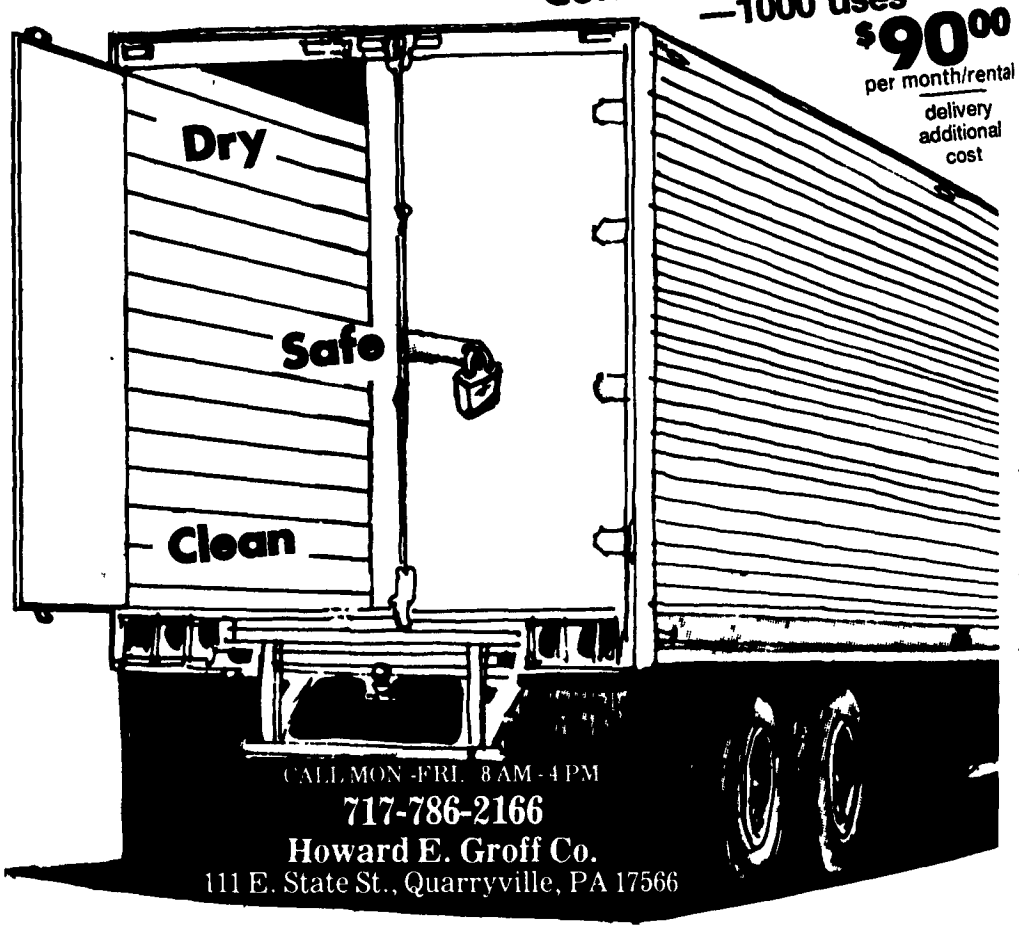

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- 117-day relative maturity

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Dairymen Face Declining Prices

(Continued from Page A1)

for milk of average butterfat content).

For dairymen, the past year has been like riding a rollercoaster. After peaking last December at a record $14.93 a hundredweight, the M-W fell rapidly, as it typically does in early spring, to a low of $12.02 in March. The index recorded steady gains through July, when it stood at $13.43. But it has now declined three consecutive months.

These "counterseasonal" declines — milk prices almost always go up in the fall as production declines and demand increases — did not surprise anyone who kept track of wholesale cheese prices this fall. Since August, prices for 40-pound blocks of cheddar at the National Cheese Exchange have plummeted more than 30 cents. They now hover right at the government support price. Similarly, nonfat dry milk prices, which also contributed to last fall's boom, have fallen to the support level.

As a whole, farm milk prices in 1990 will still average more than they did in either of the previous two years. But blend prices began to dip below year-earlier levels in September — the first time that has happened since September 1988. And that trend is likely to continue throughout 1991. USDA, for instance, is now estimating farm milk prices will average $2-$3 less next year.

Moreover, in the next few years dairymen will see a further deduction from their milk checks in the form of assessments to meet the requirements of budget makers in Washington. Under the last-minute legislation, dairy farmers will have to contribute five cents a hundredweight in fiscal 1991, which began Oct. 1, and 11 cents a hundredweight from 1992-1995. The assessment is designed to offset some of the cost of the government's support program.

This assessment has a refund provision. Producers whose marketing receipts prove that they have not increased production from one calendar year to the next can get their money back. But they will have to wait a year. And the assessments will be increased in subsequent years to make up for any amounts lost to refunds.

If there is a silver lining to this dark cloud, it is that Congress rebuffed the Bush administration's attempt to do away with the $10.10 support price floor in the new farm bill. Without such a floor, analysts says, it is likely that farm milk prices could decline another $1 to $2, at least in the next few years. That's because production has now more than recovered from the declines it showed in the aftermath of the 1988 drought. Through the first nine months of 1990, total milk production is 2.7 percent greater than the comparable total from 1989 and 2.2 percent larger than the 1988 level, according to USDA. Although commercial demand has risen, it has not been able to absorb all of these increases.

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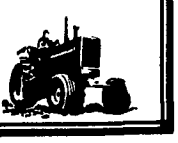

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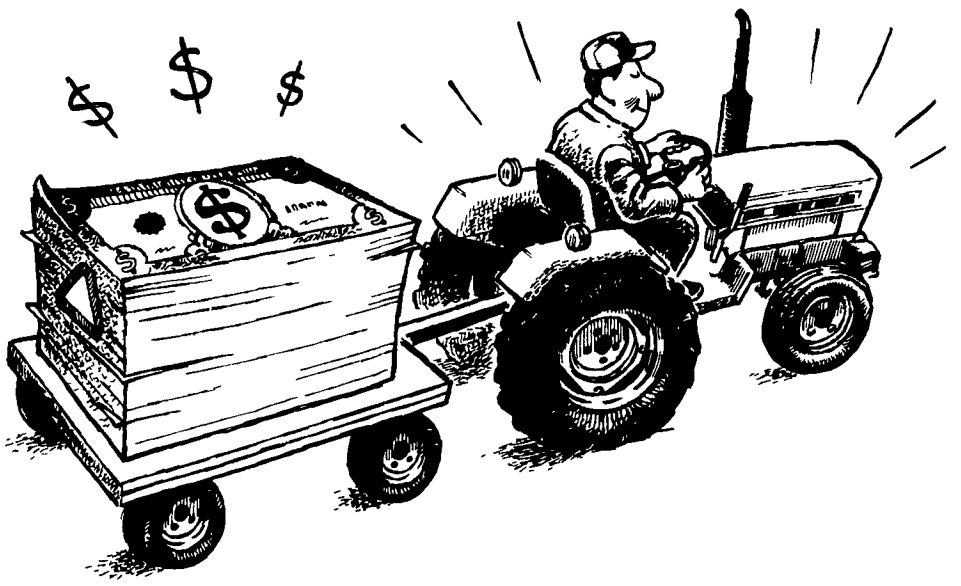

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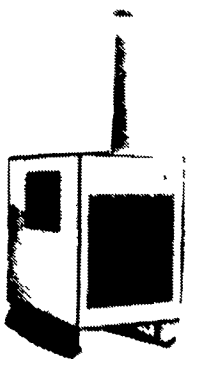

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Lebanon Recognizes 4-H

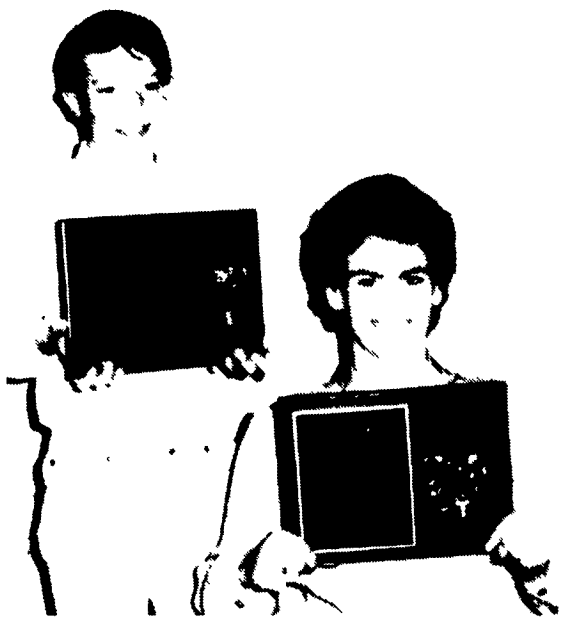
(Continued from Page A30)

moyer, Barbara Harding, Wesley Harding, Dale Himmelberger, Michael Kunkle, Calvin Miller, Joanne Weidman, Sue Werner, Irene Mase, Eugene Martin, Harvey Bomgardner, Kenneth Mase, Robert McMillen, Timothy Elliot, and Dale Balmer.

For more information on the 4-H program write or call the Lebanon County Extension Office, 4-H Agent, 2120 Cornwall Road Suite 1, Lebanon, 270-4391. 4-H open to all youth ages 8-19 regardless of race, religion, sex, national origin, handicap or place of residence. If you are interested in joining 4-H or would like to become a 4-H leader, contact Lebanon County Extension Office at 270-4391.

Left to right, Becky Hostetter, reserve champion showman; Timothy Vail, reserve champion fitter; and Kynel Bomgardner, champion showman.

Lebanon 4-H dairy scrapbook winners are, left to right, Lee Shuey, Jeremy Mase Allison Martin and Andy Martin.



Kirt Hostetter, left, top Hoards Dairyman judge and Terry Hill, outstanding dairy judge.

Outstanding dairy bowl members, left, Karen Lentz and Steve Bollinger.

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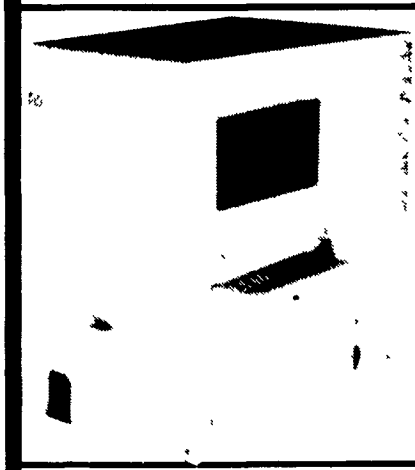

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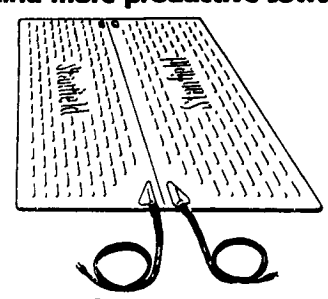

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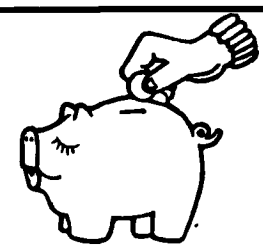

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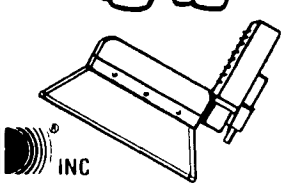

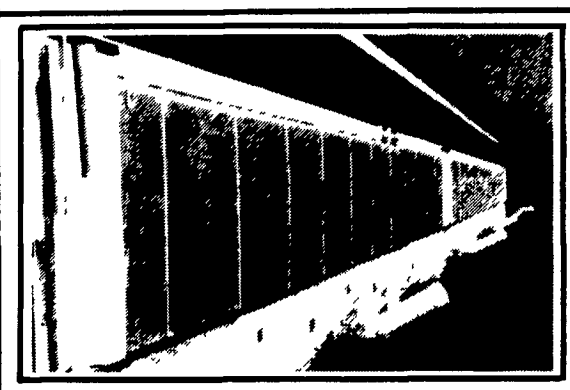

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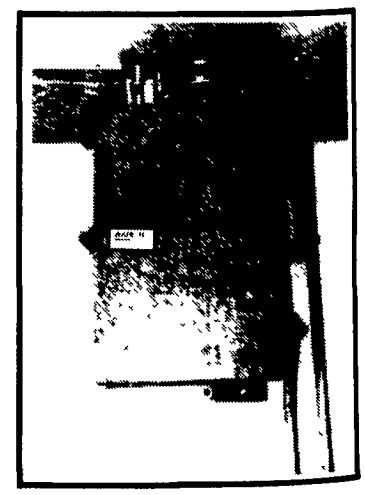

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Penn State Dairymen Meet

Lolly Lesher receives the Membership Incentive Award from Dr. George Hargrove.

(Continued from Page A34)

ton, who has been a dairy farmer, researcher, teacher, extension specialist, and nutrition consultant since graduating from Penn State in dairy science in 1968. He currently works for Monsanto with their BST program.

Director Dan Greggs, who presented the award, explained that the winner of the service award is selected from written nominations of farmers, educators or industry people. Winners receive a glass pitcher etched with the club logo and have their names placed on a plaque displayed at the Penn State Ag Arena.

In other business, club members elected a new secretary/treasurer to replace Dr. George Hargrove, who had served in that post for six years. Three new directors to fill the expired terms of Melanie Bachman, Dan Spangler, and Suzanne Voight were also elected.

The new secretary/treasurer is Dr. Mike O'Connor, extension specialist in reproduction and management, while the new directors are Beth Heald Moore, Chambersburg; Larry Schwartz, Lancaster; and Ross Hershberger, Martinsburg.

Graduating Dairy Science Club members were introduced at the meeting.

Club President Mary Ann Keith reported that the club came in second overall in the ADSA competition last June at the annual ADSA meeting at North Carolina State University. Jill Kutz placed first in the dairy manufacturing paper presentations, while Mary Ann came in second in the dairy production paper contest.

Penn State Dairy Judging Team Coach Dale Olver reported the team placed third overall and second in reasons out of 27 teams at the World Dairy Expo in Madison, Wis. Team members Bill Curley and Bob Barley were All-American judges, which means they placed in the top 25 individuals.

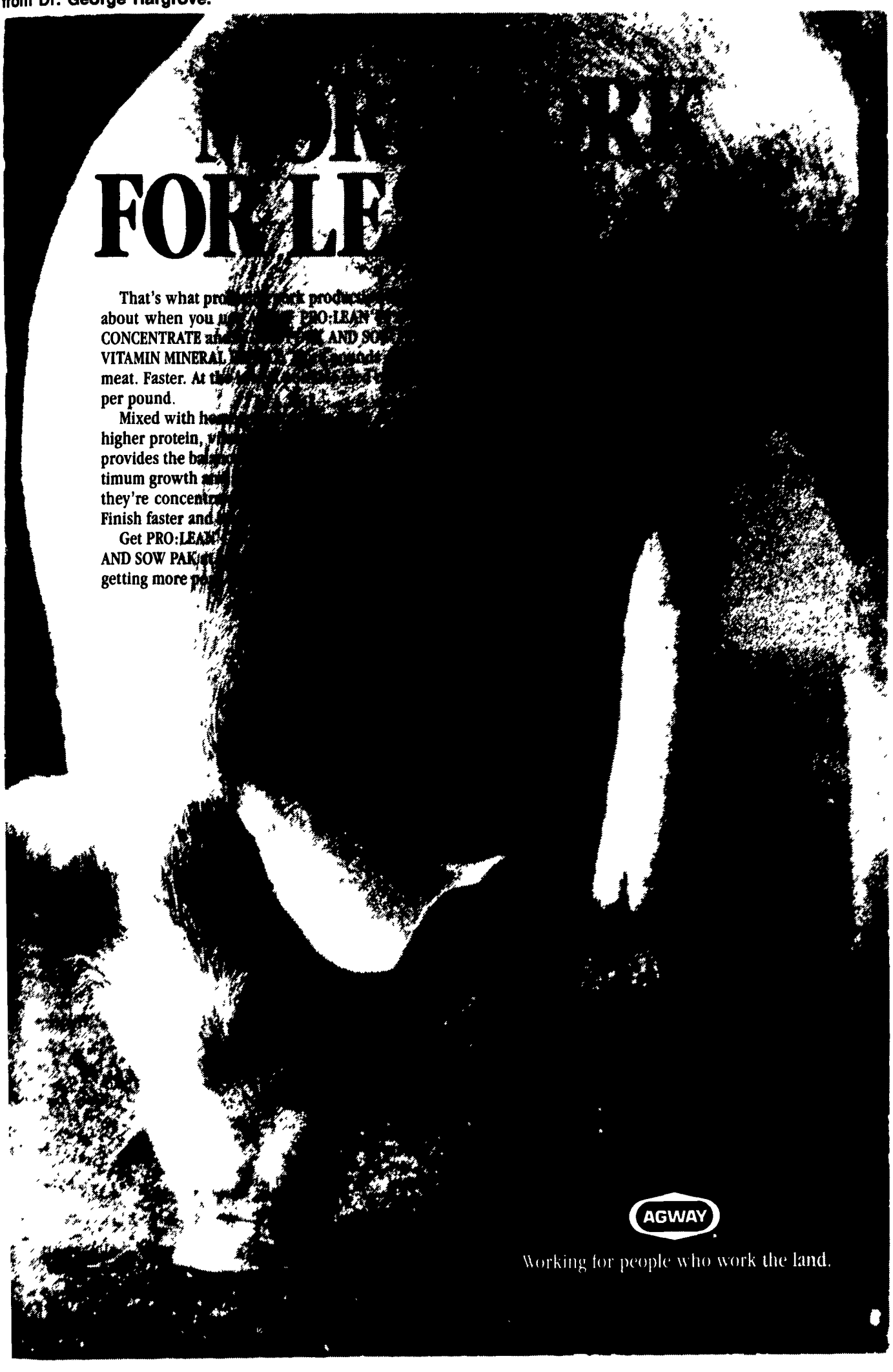
At the All-American in Harrisburg, the team was third overall and second in Holsteins, while at Eastern States in Springfield, Mass., they were fifth overall and second in Ayrshires. The other team members were Ben Dum and Gary Bicksler.

Dr. Curtis told the club that the new Animal Science building may be ready for occupancy before Christmas. The dairy faculty, including the extension staff, will be all together on the third floor, which will be connected to the Henning Building. Dr. Curtis also emphasized the need for industry to support applied dairy production research at Penn State.

Dr. Hargrove presented Lolly Lesher with the Membership Incentive Award for bringing in the most new members.

All alumni and friends of the Penn State dairy program are encouraged to join or renew their memberships. Three-year memberships are now $15, while lifetime memberships are $50.

The next meeting is set for April in State College on the eve of the Dairy Expo. New officers are to be elected at a board meeting in January.



Wayne Co. 4-H Horse Show

HONESDALE (Wayne Co.) — Ten Wayne County 4-H Horse and Pony Project members participated in the 31st annual State 4-H Horse Show, held October 26 to October 28 at the Pennsylvania Farm Show Complex in Harrisburg.

Some of the Wayne County 4-H participants that placed in their competitive classes were Richard Martzen, R.D. #1 Waymart (Chaps and Breeches 4-H Horse and Pony Club) - 9th place in Open Trail for ponies, Jennie Criddle, R.D. #3 Susquehanna (Lil Britches 4-H Horse and Pony Club) - 8th Place in Clover Leaf Barrel Race for Horses, Kim Ostrander, R.R. #2 Beach Lake (Highsteppers 4-H Horse and Pony Club) - 4th place in Working Hunter Ponies, Amy Christopher, R.R. #2 Honesdale (Chaps and Breeches 4-H Horse and Pony Club) - 4th place in Hunter Hack Horses and 6th place in Draft Horse Single Cart, Ann Shire, R.R. #1 Honesdale (Chaps and Breeches 4-H Horse and Pony Club) - 2nd place in Western Pleasure Horses (over 14.0 hands) - Junior Rider, 7th place in Grooming and Showmanship (13 to 15 years old) and 8th place in Western Riding and Donna Allsop, R.D. #2 Honesdale (South Canaan Saddle Club) - 6th place in Working Hunter Horses.

The other Wayne County 4-H participants were Meghan Moyle, Waymart (Chaps and Breeches 4-H Horse and Pony Club), David and Bobby Allsop, R.D. #2 Honesdale (South Canaan Saddle Club) and Bridget Logan, South Sterling (Silver Spurs 4-H Horse and Pony Club).

PFA Recommends Milk Price Increase

CAMP HILL (Cumberland Co.) — The Pennsylvania Farmers' Association (PFA) has recommended that the Pennsylvania Milk Marketing Board (PMMB), increase the Class I over-order premium by 30 cents per hundredweight (cwt.) for the next seven months to compensate for higher fuel and lubricant costs to dairymen.

The recommendation was made by PFA's Director of Local Affairs, Mel Eckhaus, during testimony before an emergency hearing of the PMMB in Harrisburg.

PFA is recommending that the 30 cents adjustment be put into effect starting Dec. 1 and continue until June 30, 1991. Furthermore, PFA recommends that the increase be in addition to the current $1.05/cwt. Class I over-order premium.

"According to the USDA October, 1990 'Dairy Situation and Outlook Report', farm milk prices in 1991 are expected to drop by $2-$3 per cwt. from 1990's average," Eckhaus testified. "At the same time, costs, according to the Pennsylvania Agriculture Statistics Service, have risen from $12.52 per cwt. for the 12 months ending December, 1989, to $12.91 per cwt. for the 12 months ending Sept. 30, 1990, not including a charge for management or equity."

These cost increases and future price conditions definitely show the need to preserve the current Pennsylvania milk marketing order," ... without adjustments which would decrease the amount of over-order premium now in place," Eckhaus said.

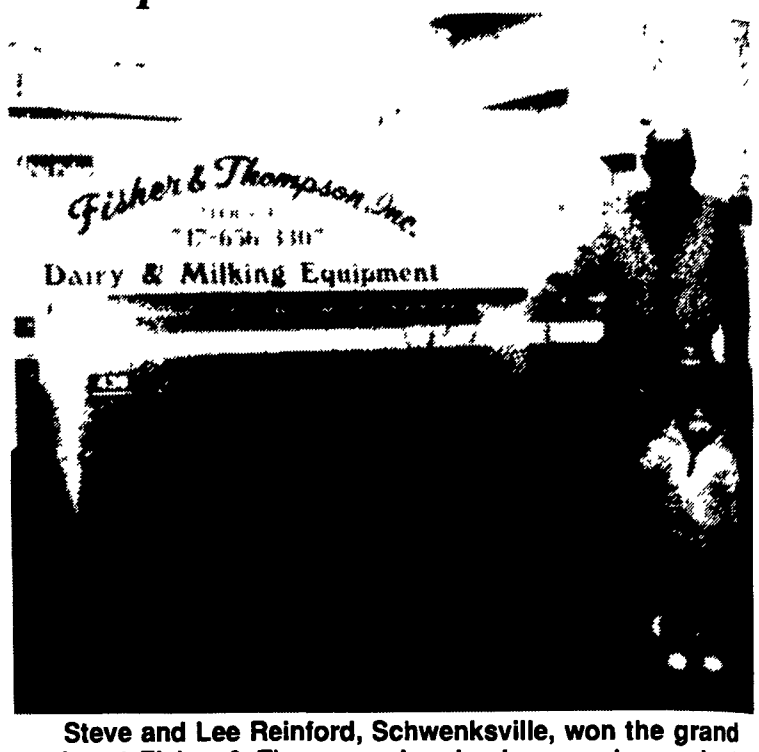
Milk prices to farmers are declining due to a 4% increase in production nationwide, Eckhaus said. While Pennsylvania production has also increased by 3% from a year ago, it "...has done so by regaining production per cow from last year's drop due to poor quality forages ..." Eckhaus testified.

"Therefore, although Pennsylvania is adding to the production increase, it is evident that Pennsylvania prices paid to producers since the $1.05 PMMB over-order premium was put into place in Sept. 1988, did not cause farm expansion to take place, but rather provided for a stabilization of the market. What we see in Pennsylvania for the most part is a recovery of production per cow ..." Eckhaus told the board.

Instead of decreasing the over-order premium, "...PFA believes that consideration needs to be given to the sudden and dramatic upsurge in fuel and lubricant costs," Eckhaus said. State agriculture statistics show fuel and lubricant costs per hundredweight of milk produced have increased by 14.2 cents from Sept. 1989 to Sept. 1990. Adjusting that increase according to the weighted Class I fluid milk utilization in Pennsylvania indicates that need for an over-order increase of 30 cents/cwt., PFA said.

PFA is a voluntary, general farm organization which represents 23,025 families in 61 of Pennsylvania's 67 counties. Approximately 50% of PFA members are dairy farmers.

Open House Prize Winners



Steve and Lee Reinford, Schwenksville, won the grand prize at Fisher & Thompson Inc. Leola, open house last week. In the photo, Steve and children pick up their new Weaverline feed cart. Phil Cole, Kunkletown, won $500 supplies for second prize and Nel-Ray Farms, Myerstown, won $100 supplies for third prize. The open house was rated a huge success by the sponsors.

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Public Auction Register

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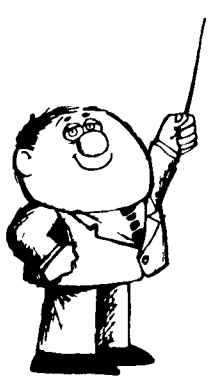
TUES NOV 29 - 6PM, Absolute Bankruptcy Auction-Equipment, Shelving, Forklift, Compactors, Check-Out Equip , located at Uptown Shopping Plaza, 7th & Division Sts , Harrisburg, PA, Kerry Pae Auctioneers, Aucts



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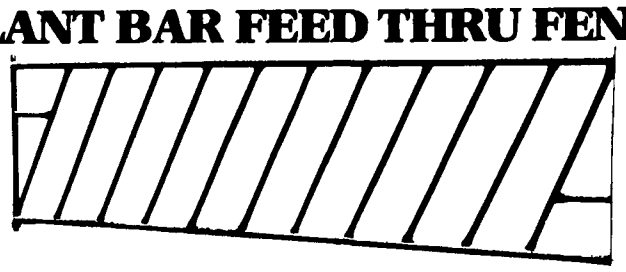

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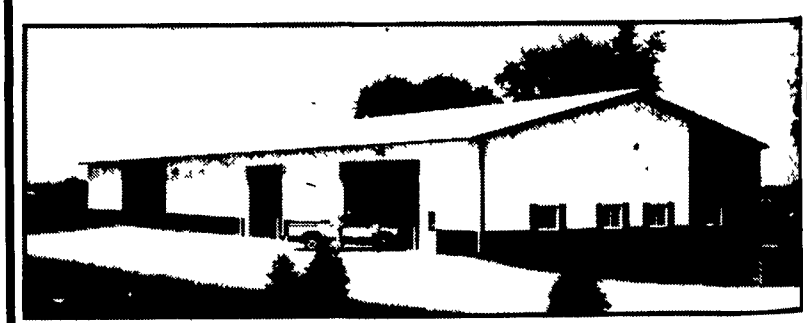

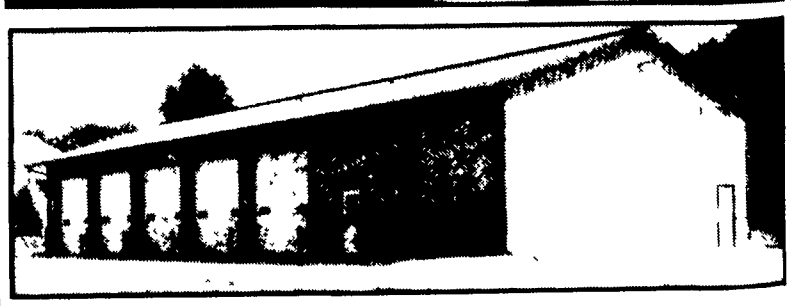

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Berks Co. 4-H Recognizes Achievements

LEESPORT (Berks Co.) — The annual Berks County 4-H recognition and awards night was recently held at the Berks County Agri Center.

Four-H members and volunteers were honored for their achievement and service for 1990. The highlight of the evening was honoring Robert Sattazahn for his 35 years as a 4-H volunteer and receiving the 1990 Berks 4-H Clover Award.

Sattazahn has been involved in the dairy program at both the county and regional levels. Entertainment was provided by 4-H members Daniel Hughes, Berks County Rabbit and Cavy Club, Sinking Spring; Becky Pfost, Fleetwood 4-H Club, Kutztown; Bridget Vath, Wyomissing 4-H Club, Wyomissing; and Dana Rothermel, Leesport 4-H Club, Shoemakersville who have blue ribbon winners at the 1990 4-H Fair.

Receiving awards were:

• Service to Development Board — Donna Truesdell, Valerie Hunter, Gary Kurtz, Grett Shorley.

• Reading Fair Outstanding 4-H Awards — Outstanding Girl-Gwen Perry, Outstanding Boy-Scott Youse.

• All-American Clover Award Recipients — Silver Spurs 4-H Equestrians, Berks K-9's, Berks County 4-H Sheep Club, Eastern Berks 4-H Dairy Club, Oley Saddle-ites 4-H Club, Top Notch 4-H Equestrians, Fleetwood 4-H Club.

• National 4-H Awards Program County Winners — Achievement- Mark Runge, Agriculture- Valerie Hunter, Beef- Amy Eshelman, Alice Strause, Citizenship- Alice Strause, Clothing and Textiles- Lisa Geschwindt, Michele Wojszwillo, Karen Mengle, Dairy- Scott Youse, Todd Krick, Lisa Krick, Fashion Revue- Lisa Geschwindt, Foods & Nutrition- Karen Mengle, Home Environment- Megan Perry, Horse- Brett Shorley, Mark Runge, Lisa Massey, Horticulture- Paula Hunter, Leadership- Alice Strause, Scott Youse, Personal Development- Charlene Plushanski, Plant and Soil Science- Christine Hunter, Poultry- Charlene Plushanski, Lori Blatt, Public Speaking- Lisa Geschwindt, Recreation- Michele Wojszwillo, Sheep- Gwen Perry, Amy Eshelman, Christine Hunter, Megan Perry, Michael Bowman, Swine- Valerie Hunter, Paula Hunter, Veterinary Science- Lisa Massey.

• Keystone Winners — Michele Wojszwillo- Leesport 4-H Club; Valerie Hunter- Swine Club; Brett Shorley- Top Notch 4-H Club; Charlene Plushanski- Rabbit and Cavy Club.

• Delegate to National 4-H Congress — Michele Wojszwillo.

• Junior Blueform Entries — Dairy- Suzanne Dietrich, Adam Moser, Janice Youse, Horse- J.T. Ramsay, Katie Ramsay, Sheep- Stephanie Bowman, Katie Ramsay, Swine- Leon Hunter.

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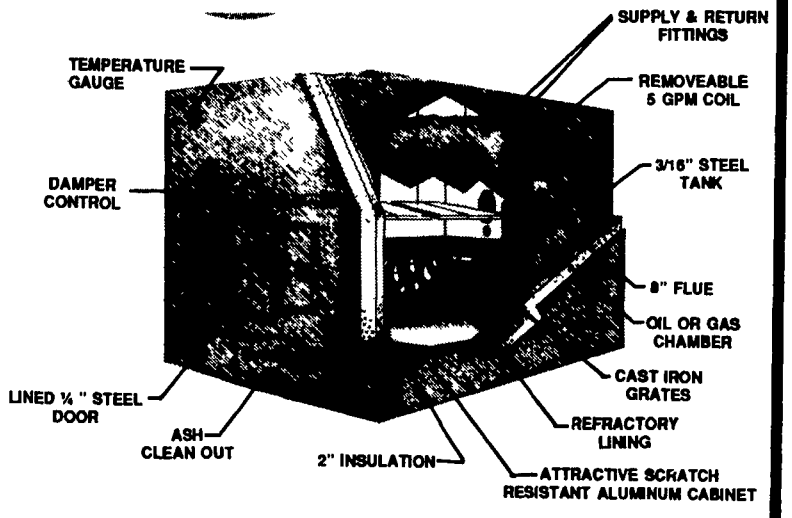
Will Be Back To SATURDAY SALES STARTING DEC. 1

At 9 A.M.
Truck Sales Will Still Be Monday Nights.
Furn. & Glassware Sales Will Be On Saturdays

Special Note

New Year's Day Antique & Collectibles Sale
Jan. 1 At 9 A.M.
Annual Event

The Outsider by AES



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8 Acre Farmette - Bart Township

Sat., December 1, 1990
10:00 A.M.

Located In Bart Twp., Lancaster County, PA, 3 miles East of Strasburg along Route 896, 1 mile North of Georgetown.

REAL ESTATE — 12:00 NOON

Real Estate consists of 8+ acres, improvements consist of a two dwelling attached double house, also attached by breezeway, 1 dwelling used as efficiency, each dwelling has bath, kitchen, living rooms, separate heat systems, separate electric meters, property approved for a Bed & Breakfast business, presently rented to permanent dwellers, also has 2 story barn with horse stalls, attached large garage and shop area, land lays nice, fruit orchard, underground fuel tank with pump.

TERMS: 10% Down Sale Day — Final Settlement February 1, 1991.

REAL ESTATE shown by appointment — Call 717-786-7479 or 215-593-2828.

Personal Property — 10:00 A.M.

4 piece cherry bedroom suite, solid wood, nice, no bed; Whirlpool washer & dryer; upright freezer; maple kitchen table; roll top desk; library table; buffet; 2 book cases; wardrobe; night stands; coffee tables; cushion chairs; dresser; kitchen cabinets, complete kitchen with dishwasher; 2 bunk beds; 2 sets of high rise beds; picnic table with benches; kitchen table and chairs; sofa couch; lights; lot of box lots; come see what all we found.

Shop - Garden - Yard Tools

8 HP Toro riding mower, electric start, grass catcher; Arbor jig saw; overhead door; garage door opener; barrels; lawn mower motor; 3 lawn spreaders; lot of garden hose; few hand tools.

1979 Dodge Magnum Sedan, 98,000 miles, inspected, runs excellent.

Lot of items not listed.

Owner:
Clemence & Maria Curylo

Auctioneer:
Steve
Steve Jr. Petersheim:
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Lic. #AU-001349-L

Petersheim Auctioneers

SHORT NOTICE ABSOLUTE LIQUIDATION AUCTION

Manufacturer Display Racks, Gondolas, Binning
NICHOLS DEPARTMENT STORE
MONDAY, DECEMBER 3, 1990
10 A.M.

Auction held at 1251 East Main Street, Annville, PA.

Manufacturers Display racks, cases of hangers, pegboard hooks, Shopping carts, hundreds of ft. of new valances, courtesy desks, check-out counters, stock rm. binning, new & used display counters, display rack fencing, elec. window display fixture, carpeted platforms, graphics, card racks, Charger 100BP, Warhorse & Clarke Floor Scrubbers, Manikins, file cabinets, Lucite jewelry cases, New floral display shelves, hundreds of ft. of gondolas.

ALL ITEMS MUST BE REMOVED WITHIN 48 HOURS AFTER SALE.

TERMS: Cash, certified check, checks accompanied by bank letter of credit. NO EXCEPTIONS.

Auction For:
NICHOLS DEPARTMENT STORE

Auction by:
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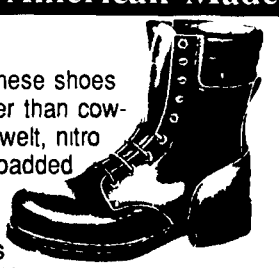

Made of tough, long wearing horsehide, these shoes stand manure, silage, oil and grease better than cowhide. Shoes feature a genuine Goodyear welt, nitro cork sole that will not track, steel shank, padded collar, cushion insole and arch support. Ideal for barn use. Sizes 7-13 including ½ sizes. 1st quality. Our experience shows that horsehide outlasts good cowhide by 50% or more for farm use.

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Jim Dunn (left) and Carl Johnson, Penn Jersey representative, in front of Jim's Harvestore® structures: a 2070 and a 2077 for forage and a 2059 for high moisture shelled corn.

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Jim with one of his top cows.

JOIN US AND VISIT DUNN'S FARMS AS WELL AS TWO OTHER EXCELLENT DAIRIES ON PENN JERSEY'S DEC. 6 SCHUYLKILL CO. TOUR! FOR MORE INFORMATION WATCH THIS PAGE NEXT WEEK OR CALL THE PENN JERSEY OFFICE (717-354-4051).

The results you may achieve with your Harvestore® System depend primarily upon your management skills and may vary from successful results achieved by others. Any application to a particular farming operation requires the advice of qualified experts and is subject to limitations of good management, weather and other conditions present at the individual location

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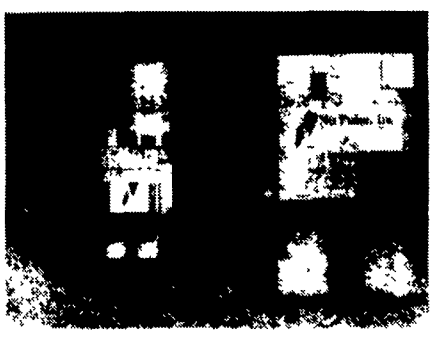
7th Annual NuPulse Harvest Pipeline Special Sale Price $6595.00

NuPulse is celebrating and we want to share our news with our customers. 1990 is the start of an exciting decade for the dairy industry. NuPulse is proud to announce the following changes in our company during 1990.

- NuPulse, Inc., has acquired all the rights to the NuPulse Milker Unit - which means our milker unit will now be manufactured in America, for American Dairy Cows, by Americans.
- NuPulse, Inc., has acquired Pacific Agritronix, a computer feeder company, from Canada - which means we will be manufacturing our own computer feeder system.
- NuPulse, Inc., moved to our new facilities in Oregon, Wisconsin - which means we can serve you better.

All of this means that NuPulse, Inc., is committed to the dairy industry. This year NuPulse, Inc., will give a NuPulse Winter Jacket and Hat to every farmer who buys our **Pipeline Special**.



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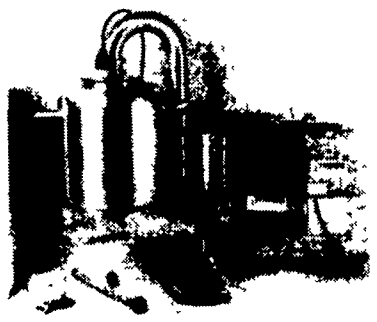
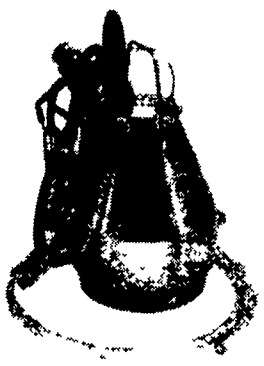
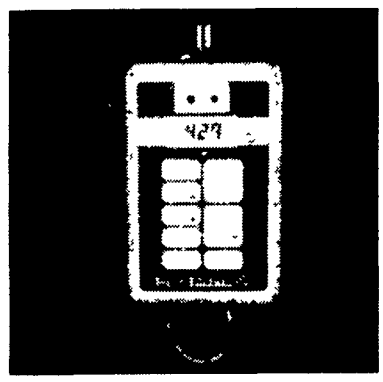
- Any additional equipment purchased along with this offer will receive a **special discount**.







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Family Rescues Baby From Lifelong Institutionalization

Joyce Bupp
York Co. Correspondent

NEW FREEDOM (York Co.) — A television documentary aired six months ago has forever changed the life of a southern York County farm family. It's also given them new appreciation for the blessings of America's abundance.

As Renee and Dale Whitcraft watched a May segment of the program 20/20 dealing with Romanian orphans, the plight of these homeless youngsters immediately touched their hearts. The story told of hundreds of children in Romanian orphanages, with too little food, too little clothing, too few staffers — little hope of anything but a life in institutions.

Within days, Renee was researching the details of an endeavor that would take them halfway around the world and to bring an adopted brother home to their three-year-old daughter Erin.

By chance, Renee read in local papers of a Romanian woman living in nearby Spring Grove and called her for advice. This new friend in turn contacted her sister living in Bucharest, making arrangements for the Whitecrafts to meet and stay with them on their arrival.

On August 1, Renee and Dale flew to Bucharest, where they planned to begin visits to several orphanges. Barely inside the door at their first stop, they had placed in their arms the limp, frail body of a tiny 13-month-old boy.

Vladut, as the staffed called this fragile infant, weighed 13 pounds, bore a rash of red mosquito bites on his tiny face, and was obviously sick.

Many weeks later, Maureen would write of that moment: "In July 1990, a little boy named Vladut lived in a ward with 11 other toddlers. His crib was small and had chain link sides (like an animal cage, she now grimly adds.) He could hold his own bottle but that was about all he could do. He could not sit up, roll over, or even hold his head up properly. He didn't smile or laugh. He was an orphan in Romania."

The Whitcrafts would later learn that Vladut's parents already had two older children. They lived in a single room with no bathroom or kitchen facilities. The regime of Nicolae Ceausescu had sought to increase Romania's population from 23 to 30 million by the year 2000 and required women to bear at least five children.

Distraught over their economic situation - their monthly income was $24, - Vladut's mother tried to abort her pregnancy. But the two-pound infant, born in June 1989, survived despite Romania's serious lack of medical technology. By October, he had gained enough weight to be placed in the orphanage. His mother had left the hospital not knowing that her baby had lived.

"He was burning up with fever when they handled him to us," relates Renee. "The first thing we did was ask to take him to the hospital. I was almost certain it was his ears, because he rubbed at them with his hands."

There they waited for four hours before a doctor would so much as hold a stethoscope to the boy's chest. The Whitecrafts, briefed ahead of time and having planned accordingly before they departed, finally offered bribes to get antibiotics for the sick baby. Not even a single baby aspirin was available.

A little medical attention and an outpouring of love have transformed Ty Matthew Whitcraft into an alert, alive and affectionate little boy.

Maureen "Renee" Whitcraft cuddles her two children, Erin, 3, and Ty, 16 months.

Firmly attached by this time to Vladut, Dale and Renee began the long, complicated adoption procedure. This adoption faced an even greater-than-usual hurdle. The medical report which confirmed his ear infection also classified the baby as "Class A retarded," due to his severely delayed development. Children of that classification are not adoptable and face lifelong institutionalization.

"He had never been outside and he had never had a bath," Renee said. "We took him outside into the sunshine and spent time every day with him at the orphanage." They also determined to have his retarded classification changed, eventually accomplished through more bribes with chocolate, cigarettes and lighters, and to clear a mass of legal paperwork.

Dale returned home after a week, while Renee remained with their Romanian friends. It would be six weeks before she could clear the entanglement of copying and translation of birth certificates, police and medical records, and getting a court date with lawyers and notaries.

Help through the massive requirements came from Erika and Radu Boghice, daughter and son-in-law of their Bucharest hosts. The young couple, both geologists, spoke excellent English, were well-versed in world current events, and becamse her guides, translators, and "connections." She developed a great affection for them and keeps in touch with frequent letters.

Initially, they had to find Vladut's parents to sign release papers. Their whereabouts was not difficult to locate.

"No one ever moves; there's nowhere to go," says Renee,

The day Ty was placed in Dale's arms at the Romanian orphanage he didn't smile, sit up, roll over or even hold his head up.

describing conditions of an economy devastated after 30 years of the former communist regime. "Erika went by herself the first night, but no one was home. On the way she was attacked by a huge rat. A fairly small cat happened to appear and the rat went after the cat. That was the neighborhood."

"His mother had tears in her eyes when we told her about him and showed her a picture," she continues. Just two months before, the couple had learned their son was alive, when the orphange sent them a bill for his care. They consented to sign the papers for his adoption, asking only if Renee could possibly send them some medical supplies.

In the interim weeks to her

(Turn to Page B3)

Homestead Notes

Farm Family Rescues

(Continued from Page B2)

court date, Renee adapted to living in the Romanian culture with its lack of everyday necessities Americans often take for granted. Water was available only five hours per day, with disinfecting tablets dispensed to make it potable. Shunning the water, she had difficulty finding sufficient liquids to quench her thirst. Soft drinks are scarce, but peach juice she could sometimes get was "delicious." Every night, Renee's gracious hosts heated a large kettle of water, her daily bath.

"We had to be up and at the market by 6:30 a.m. in order to get any bread," she explains. "Meat is hard to find. We took canned hams with us that were really appreciated. You can find chickens, but they're the size of pigeons and still have the head and feet attached. There's no white sugar, no candy. You stood in line with your own bottles for milk. I don't know how people with babies manage."

Restaurants are reasonable, according to Renee, costing about $3 for food for three people. There are no menus. Diners have only one choice, usually consisting of potatoes, rice and a meat. A few offered soup, and occasionally ice cream for dessert.

Citizens wait for as long as three years for a phone and owning a car is a luxury many will never experience. Erika and Radu had recently acquired an apartment in less populous and less polluted Constanta, near the Black Sea, a 250 mile train ride from her parents in Bucharest. But they had waited - and still paid on the apartment - many months before they could move in.

The official court adoption on September 8 was easy for Renee after the paperwork hurdles she had conquered. Ty Matthed Whitcraft needed only a passport, visa and a plane ticket for his new mother, to come home.

Even that became a problem. When Renee called for a plane reservation, she was told that only one flight per week was available, and she would have to wait another week. In retrospect, she believes the delay was a blessing.

"Ty had never eaten solid food. His milk at the orphanage had a sort of porridge or cereal in it. We cooked a chicken and mixed some mashed carrots and potatoes with the broth, and mixed grated apple and grated bisquit, to make baby food. There wasn't anything else," she says. "He wouldn't open his mouth and he just screamed and screamed when we tried to feed him. He just didn't know what to do with food. It took about four days of force feeding before he started accepting it. If we had gotten a flight right away, I have no idea how I'd have fed him."

"He gets cranky now if you don't feed him on time," she grins, coaxing a smile from their curly-haired son. Ty now weighs over 17 pounds, his hair has grown and he loves a bath. Even before coming home, his activity level and eye contact improved, he learned to sit up and, to Renee's delight, to smile. "Radu showed me how to do some muscle massage. Since their son was so big, I figured it works."

Ty also stands, bounces in a jumper chair and pulls himself up holding Renee's hands. Just a few weeks ago, Ty reached another milestone when he cried. They believe a slight opening of his ear canal, damaged from the infections, caused the discomfort. Operations to correct the damage are already planned.

Ty has already had his first tractor ride on the family's farm, part of the 200 acres Dale farms with his brothers. A Penn State grad, Dale is an engineer at AMP, Inc. In addition to caring for Ty and Erin, Renee babysits full-time for one neighborhood child, plus looks after seven others before and after school.

Renee sums up the progress of their new son like this: "Today, the little boy renamed Ty Matthew is 16 months old, and while he is small, he certainly no longer acts like a newborn. He sits up, stands with help, crawls like a frog, eats like a horse, and can say Da-Da."

Though many reached out with love like the Whitcrafts to Romania's orphans, the problem is far from solved. Renee encourages others to share their concern through the Help The Children of Romania committee, a non-profit program of the Romanian Orthodox Church of America for providing medical and humane care. Help The Children of Romania is located at Dept. 771246, Detroit, MI 48277-1246.

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Ida's Notebook

Ida Risser

It is time to have all the outside jobs in the garden taken care of by the end of November. But, I still find a few things to do in my garden.

Many evenings I bring in some of my Apple Baum tea for supper. And, while I'm out there I gather tiny broccoli sprouts, plus some parsley and dill too. The kale and Swiss chard will stand the winter weather and provide "greens" for months.

I've saved seed from the dried pods that I left on the climbing beans. There are tiny, black asparagus beans, shiny white Lazy Wife beans and some Mostoller Wild Goose bean seeds stored for next spring.

My Job's Tears bore abundantly and I don't intend to plant any next year. However, I fear that dropped seeds will sprout in one corner of my garden. I've strung some on mylon thread to make strings of beads for the grandchildren. They grow in several shades of grey and white.

This year we had an abundant crop of Black Walnuts. However, the kernels were not as meaty as other years. My friend from eastern Lancaster County came as usual and picked up bushels and bushels of them. He is an elderly man who enjoys cracking nuts. He always gives me some of the large meaty nuts to use in baking.

This year he had an unfortunate experience. While he and his wife were filling bags with the black walnuts, he stumbled on a yellow jacket's nest. As he hurried away brushing them from his head and arms, he accidentally knocked his hearing aid on the ground. Later, no amount of searching could find it in the grass and weeds. As it was an expensive item, he came back the next day and diligently hunted some more. He found it. That was a happy ending to an unpleasant experience.

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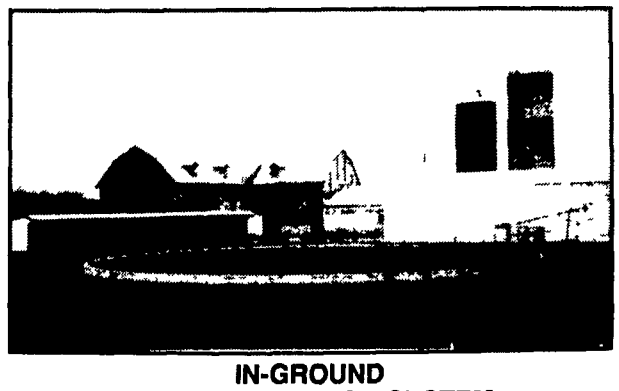

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On being a farm wife - And other hazards

Joyce Bupp

A skim of ice coats the buckets at the outside pens for calves.

Early sunshine on this clear, crisp, bright morning has not yet climbed above the dairy barn roof to shine its thawing warmth upon the thick, black-rubber, water buckets. So, for the first of what will be many times during this impending winter season, I run a bucket of steaming hot water to pour onto the transparent, icy coatings.

The calves always seem to enjoy this ice-thawing routine and quickly slurp up the warm water in the buckets before turning their muzzles back to their rations of sweet feed mix. Chilly air gusts between the old bank barn and the calf nursery, one of the major "wind tunnel" spots on this place where the breeze is never-ending.

Chilly feet hurry me quickly toward the basement after morning chores, past fading maroon blooms of late chrysanthemums and through the cascade of golden maple leaves tumbling toward oblivion. Smoke curling above the chimney hastens the feet to move still faster toward a promise of toasty toes.

And the warmth that rushes out with the opening of the basement's old door is like the embrace of a dear friend. Oh, how we enjoy the coziness of the wood stove!

Once a staple of every kitchen, plus often other parts of family living quarters, wood-burning appliances fell out of favor with the ease of electrification, natural gas, and microwaves. Some friends and relatives who grew up carting in wood as a regular childhood chore vow to never return to those days.

But, never having toted wood as a kid, though the Farmer did, I have no lingering hangups about a distasteful childhood chore. In fact, the whole process of selecting bits of bark and slivers of wood, strategically placing loosely-crumpled newspaper and creating a bank of glowing coals from a tiny flame seems a rather creative and rewarding endeavor. Plus a feeling of self-sufficiency and savings, in light of current fuel prices.

We've burned wood for winter heat for about ten years now, for a variety of reasons. In this old house where the ruffled curtains stir on gusty days (with the windows closed), the woodstove offers a more steady and constant heat than the backup system of oil-furnace forced-air. Free fuel lies in plentiful supply over the farm's woodlots and fencerows. Only shortage is in finding time to get it cut and moved.

Mother Nature outdid herself a few months ago in supplying our firewood needs, literally, in the back yard - plus the side yards, greenhouse, front porch and parking area - with piles of downed, giant limbs. When we finally got the mini-tornado-mass cleared, scattered piles of firewood lay as testimony to the shredding of our old maple trees. These last, lingering traces of the windstorm's fury are quickly disappearing.

Enough for several more years of woodstove heat waits in the dry cow pasture, where about a dozen good-sized trees were ripped up by their roots and laid over like so many matchsticks.

Yes, the woodstove is dirty. Yes, wood splinters and bits of bark constantly litter the basement carpet. Yes, smoke and dust discolor the white curtains' ruffles and darken the endless festoons of cobwebs woven by our diligent colony of spiders.

But that is a slight sacrifice for the pleasure of sliding one's stinging-cold toes across the warm apron of firebrick under and around the woodstove. For a place to dry damp sweatshirts and soggy gloves. For barn jeans prewarmed near the stove's coziness. And for the best spot in the house to curl up on a blustery night with a cup of hot chocolate and a good book.

Warming up at the woodstove is pleasurable enough it almost makes getting cold something worth looking forward to.

I said almost.

Crank Out A Winner

An Ice Cream Churn Off Contest highlights the first ever "Dairy Fun Night" at the 75th Pennsylvania State Farm Show. The Pennsylvania Dairy Promotion Program and Pennsylvania Department of Agriculture will be sponsoring the fun night on Monday, January 7. The Ice Cream Churn Off is modeled after previous events but with an added twist. All contestants will be required to hand churn their entries.

All Pennsylvania residents, except those that have a professional food status or are affiliated with the Pennsylvania Dairy Promotion Program, are invited to enter the contest. The first eight eligible entries received will be selected to compete in the contest.

To enter, contestants should print their name, address, and telephone number on an 8½ "x11" piece of paper. Then, attach a complete copy of their recipe and mail to: "Dairy Fun Night, Ice Cream Churn-Off," Pennsylvania Dairy Promotion Program, 2301 North Cameron Street, Harrisburg, PA, 17110-9408. Entries must be received in the Pennsylvania Dairy Promotion Program office by December 15, 1990, and become the property of the Pennsylvania Dairy Promotion Program.

All entries must use REAL dairy products. Pasteurized processed eggs must be substituted for raw eggs. Recipe entries must be original and not have been previously published or won an award. Offer is limited to one entry per family, 4-H club, FFA chapter, or other group. Teams will be limited to no more than four members.

Prizes for the contest will be awarded as follows: first place, $300; second place, $100, and honorable mention, a six quart ice cream freezer. Prizes are not transferable. Income tax on all prizes is the responsibility of the winners.

The complete entry rules can be obtained by sending a self addressed and stamped envelope to the Pennsylvania Dairy Promotion Program, 2301 North Cameron Street, Harrisburg, PA 17110-9408.

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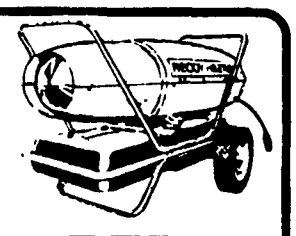
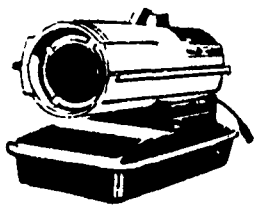
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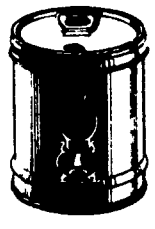
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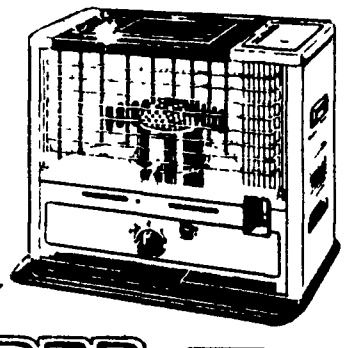
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Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

About the Lean Breakthrough?

Lean is in, fat is out. Lowered fat, the nutritional buzz phrase of the 1990s is one of the nutritional benefits fresh pork can offer. A recent University of Wisconsin research study revealed that eight popular cooked and trimmed fresh pork cuts are substantially lower in fat, calories and cholesterol than reported by the U.S. Department of Agriculture (USDA) in 1983. This study was overseen by USDA to update its official nutrient data on pork.

This research study involved the testing of the composition of popular pork products found in the fresh meat case in major metropolitan supermarkets across the nation. The study revealed that pork today is on an average 31 percent leaner, 17 percent lower in calories and 10 percent lower in cholesterol than reported in 1983.

Today's pork is comparable in nutritional value with poultry. For example, a three-ounce serving of skinless, roasted chicken breast has 140 calories, 3 grams of fat, and 72 milligrams of cholesterol. Compare that to a three-ounce serving of trimmed pork tenderloin containing 133 calories, 4 grams of fat and 67 milligrams of cholesterol. Fresh pork is a nutrient-dense meat product providing essential nutrients like Vitamin B_1, and an excellent source of Vitamins B_2, B_6, and B_{12}. It is also a good source of iron and zinc.

Today's leaner pork cooks quickly! Overcooking will rob pork of tenderness, juiciness and flavor. The age-old fear of trichinosis is simply unfounded today, as trichinae infection in U.S. hogs is a clinical rarity. To assure wholesomeness and good flavor and texture, cook pork to medium - to an internal temperature of 160 degrees F. A slightly pink color in fresh roasted or grilled pork provides tender, juicy eating.

The pork industry is responding to public demand for more healthful pork by producing leaner products to meet consumer nutritional needs. Today, the pork industry provides consumers with better-than-ever pork products. And the variety of lean pork cuts makes meal planning more fun and convenient for today's busy consumer. You can take heart in the fact that fresh, lean pork is increasingly viewed by health and nutrition experts as a healthful protein choice.

Marketplace Crafts

LANCASTER (Lancaster Co.)— An exhibit showing Santa Claus as depicted in clay, fiber, folk art, and woodcarving will open at the Market House Craft Center November 19. "Here Comes Santa Claus" features the work of juried Pennsylvania craftspeople. The exhibit will continue through December 22. Hours are 9:00 a.m. to 1:00 p.m., Monday through Friday, and 10:00 a.m. to 3:00 p.m. Saturdays.

The invitational exhibit will include the salt glazed pottery of David Eldreth, Nottingham; folkart by Phyllis Giberson, Millersville; painted tin and wood by Terri Lipman, Dallastown; clay sculpture by Particia L. Marshall, Camp Hill; soft sculpture Santas by Karen Roszell, Bloomsburg, and June Tressler, Valencia; woodcarvings by S. Arthur Shoemaker; and the banners of Jan Yatsko, Lancaster. In addition to this invitational exhibit, members of Lancaster Designer Craftsmen have been invited to submit their depictions of Santa Claus.

The Market House Craft Center is a chapter of the PA Guild of Craftsmen, a nonprofit organization. The Craft Center is located in the lower level of Southern Market Center, at the corner of South Queen and Vine streets in downtown Lancaster. The steps are on the Vine Street side of the street. All exhibits are free to the public. For more information, call the Craft Center at (717) 295-1500.

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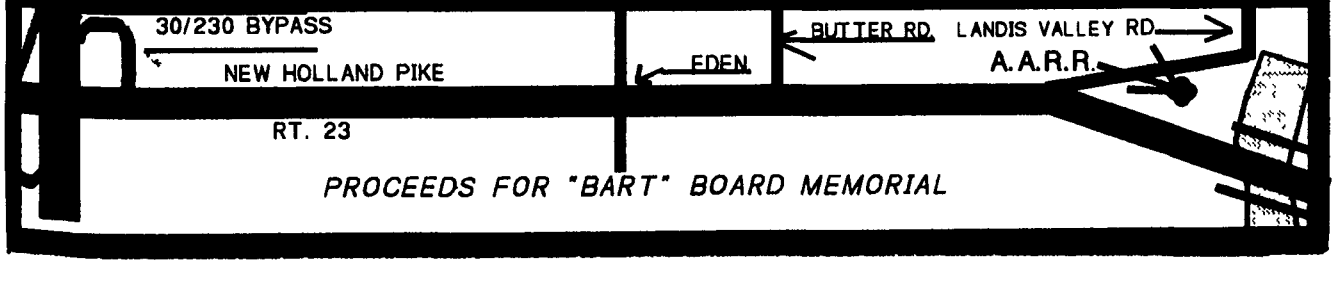

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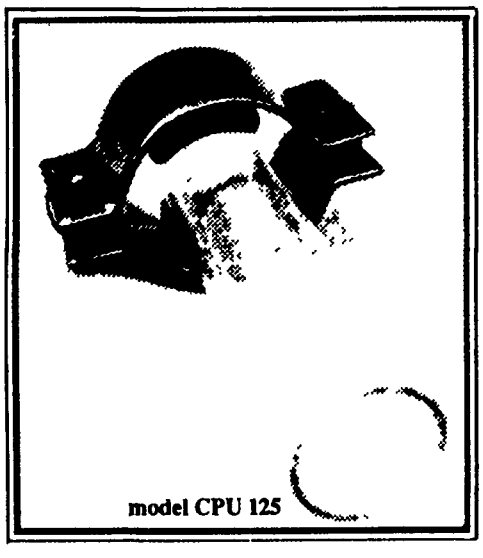

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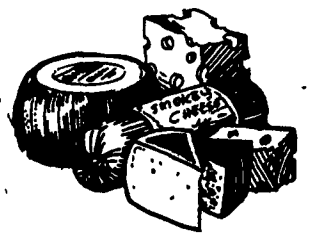
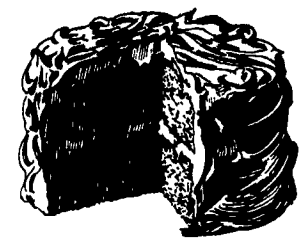


Home On The Range



There's More Than One Way To Make A Brownie

Brownies... they're everywhere. In-store bakeries at the local supermarket, commercial bakeries, gourmet and family restaurants have their versions, too. Luscious, chocolately, rich, moist — no one can refuse the lure of a plate of brownies. And the beauty of them is the ease with which they go together.

The American Dairy Association reports that brownies taste better if covered and placed in a cool dry place for six hours or overnight to blend flavors.

PEANUT BUTTER SWIRL BARS

½ cup crunch style peanut butter
⅓ cup butter, softened
¾ cup firmly packed brown sugar
¾ cup sugar
2 eggs
2 teaspoons vanilla extract
1 cup unsifted flour
1 teaspoon baking powder
¼ teaspoon salt
12-ounce package semi-sweet chocolate morsels

Preheat oven to 350 degrees. In a large bowl, combine peanut butter, butter, brown sugar, and white sugar; beat until creamy. Gradually beat in eggs and vanilla extract. Blend in flour, baking powder, and salt. Spread into greased 13x9x2-inch baking pan. Sprinkle chocolate morsels over top. Place in 350 degree oven for 3 minutes. Remove from oven; run knife through to marbleize. Return to oven. Bake at 350 degrees for 30 minutes. Cool. Cut into 2x1-inch bars. Makes 48 bars.

Janice Lehman
Myerstown

PEANUT BUTTER BROWNIES

6 eggs
3 cups brown sugar
1 cup white sugar
½ cup peanut butter
1 cup butter
1 teaspoon vanilla
4 cups unsifted flour
1½ tablespoons baking powder
1½ teaspoons salt
½ cup chopped peanuts

Combine sugar, eggs, peanut butter, shortening and vanilla. Blend well. Add dry ingredients and mix only until smooth. Spread in two 10x15x1-inch pans. Sprinkle with chopped peanuts. Bake at 350 degrees for 25 minutes.

Lois Petre
Boonsboro, MD

CHOCOLATE CREAM CHEESE BROWNIES

Chocolate batter:
4 ounces semi-sweet chocolate, chopped
3 tablespoons butter
¾ cup sugar
2 eggs
1 teaspoon vanilla extract
⅛ cup flour
½ teaspoon baking powder
½ teaspoon salt

Cream cheese batter:
1 3-ounce cream cheese, softened
2 tablespoons butter, softened
¼ cup sugar
1 egg
1 tablespoon flour
1½ teaspoons grated orange peel
¼ teaspoon almond extract

Preheat oven to 350 degrees. For chocolate batter, heat chocolate and butter in medium-sized saucepan over low heat until melted. Remove from heat. Stir in sugar, eggs, and vanilla. Combine flour, baking powder and salt. Stir into chocolate mixture until well blended; set aside.

For cream cheese batter, beat cream cheese and butter until smooth. Beat in remaining ingredients. Alternately spoon chocolate and cream cheese batters into a buttered 9-inch square baking pan. Gently swirl batter using a knife. Bake 25 to 30 minutes, or until wooden pick inserted in center comes out clean. Cool completely on wire rack. Cut into squares before serving.

Am. Dairy Assoc.

PEANUT BUTTER FINGERS

½ cup butter
½ cup white sugar
½ cup brown sugar
1 egg
⅓ cup peanut butter
½ teaspoon baking soda
¼ teaspoon salt
½ teaspoon vanilla
1 cup flour
1 cup oatmeal

Combine ingredients and mix well. Spread in a 9x13-inch pan. Bake at 350 degrees for 20 to 25 minutes or until lightly browned. Sprinkle immediately with 6 ounces of chocolate chips.

Combine ½ cup confectioners' sugar, ¼ cup peanut butter, and 2 to 4 tablespoons milk.

Spread melted chocolate chips and drizzle above mixture on melted bits. Cut when cool.

Lois Petre
Boonsboro, MD

No matter which recipe you choose, a plate of brownies is sure to bring you raves from family and guests.

PEANUT BUTTER 'N' FUDGE BROWNIES

2 cups sugar
1 cup butter, softened
4 eggs
2 teaspoons vanilla
1½ cups flour
¾ cup cocoa
1 teaspoon baking powder
½ teaspoon salt
1 cup peanut butter chips
¾ cup peanut butter
⅓ cup butter, softened
⅓ cup sugar
2 tablespoons flour
¾ teaspoon vanilla
2 eggs

Frosting:
3 3-ounce squares unsweetened chocolate
3 tablespoons butter
2⅓ cups powdered sugar
¼ teaspoon salt
¾ teaspoon vanilla
4 to 5 tablespoons water

Heat oven to 350 degrees. Grease 13x9-inch pan. In large bowl, beat 2 cups sugar and 1 cup butter until light and fluffy. Add 4 eggs, one at a time, beating well after each addition. Stir in 2 teaspoons vanilla. In small bowl, combine 1½ cups flour, cocoa, baking powder and ½ teaspoon salt. Gradually add flour mixture to sugar mixture. Mix well. By hand, stir in peanut butter chips.

In small bowl, beat peanut butter and ⅓ cup butter until smooth. Add ⅓ cup sugar and 2 tablespoons flour; blend well. Add ¾ teaspoon vanilla and 2 eggs; beat until smooth. Spread half of chocolate mixture in greased pan. Spread peanut butter mixture over chocolate mixture. Spread remaining chocolate mixture over peanut butter mixture and with knife, cut through layers as to marbleize. Bake at 350 degrees for 40 to 50 minutes or until top springs back when touched. Cool completely. Frosting:

In medium saucepan, melt chocolate and 3 tablespoons butter over low heat, stirring constantly until well blended. Remove from heat. Stir in powdered sugar, ¼ teaspoon salt, ¾ teaspoon vanilla, and enough water until of desired spreading consistency. Blend until smooth. Frost cooled brownies. Cut into bars.

Natalie Witmer
Manheim

TOFFEE BROWNIES

½ cup butter
4 ounces bittersweet chocolate, coarsely chopped
1 cup sugar
4 eggs, slightly beaten
1 teaspoon vanilla extract
¾ cup flour
¼ teaspoon salt
5 bars (1.2 ounces each) chocolate-covered toffee candy, chopped (about 1¼ cups)
¾ cup coarsely chopped walnuts
Confectioners' sugar

Preheat oven to 350 degrees. Heat butter and bittersweet chocolate in medium-sized saucepan over low heat until melted. Remove from heat. Beat in sugar until blended. Beat in eggs until combined. Stir in vanilla. Mix in flour and salt. Stir in chopped candy and walnuts. Spread batter in buttered 9-inch square baking pan. Bake 30 to 35 minutes, or until top springs back when lightly touched. Do not overbake. Cool completely on wire rack. Cut into bars and sprinkle with confectioners' sugar before serving.

Am. Dairy Assoc.

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

December

1- Holiday Cookies
8- Non-Alcoholic Cheers
15- Gifts From The Kitchen

Featured Recipe

Pork lovers, lighten up! A just-released study from the University of Wisconsin shows that pork producers are growing progressively leaner hogs and retailers are trimming pork more closely. Subsequently consumers today are buying and eating leaner-than-ever pork.

Leaner eating includes eight popular fresh pork cuts under 180 calories per serving. This significant new nutrient profile on fresh pork has prompted the USDA to review the data and begin to update the complete nutrient handbook on pork.

"Pork Today: The Lean Breakthrough" is a six-page leaflet outlining the nutrient information about pork, and is available free from the pork industry. For a free copy, send a stamped self-addressed legal size envelope to: The Lean Breakthrough, P.O. Box 10383, Des Moines, IA 50306.

Pork Medallions with Dijon Dill Sauce

1 pound pork tenderloin
1 teaspoon garlic salt
¼ teaspoon pepper
½ cup plain lowfat yogurt
4 teaspoons Dijon-style mustard
½ teaspoon dill weed
½ teaspoon sugar

Cut pork crosswise into 8 pieces, place each piece of pork, cut side down, on flat surface; cover with waxed paper and flatten gently with heel of hand to ¼ -inch thickness. Panbroil pork in nonstick frying pan over medium heat 3-4 minutes per side. Remove medallions to warm platter; season with garlic salt and pepper on both sides. Meanwhile combine yogurt, mustard, dill weed and sugar. Serve sauce with pork medallions. Note: to serve sauce warm, place mixture in heatproof measure and warm in hot (not boiling) water 2-3 minutes. Do not cook or let curdle. Serves 4.

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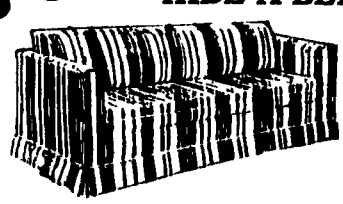

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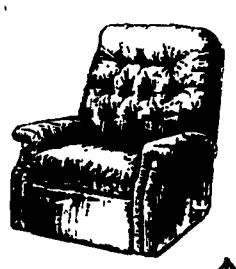

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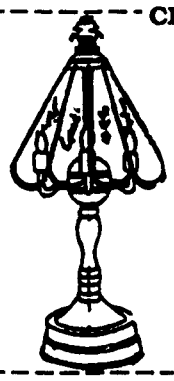

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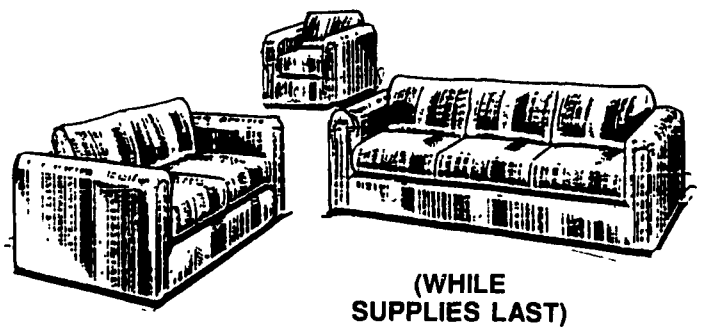

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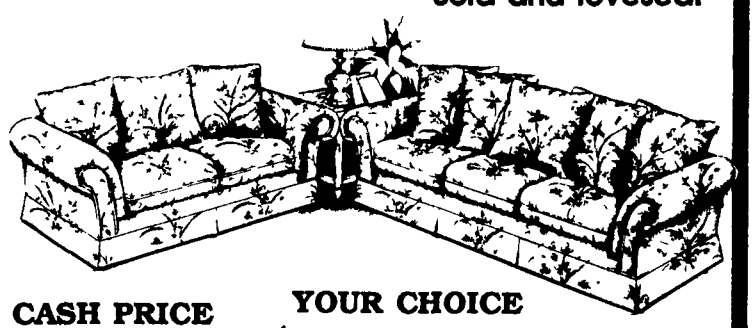

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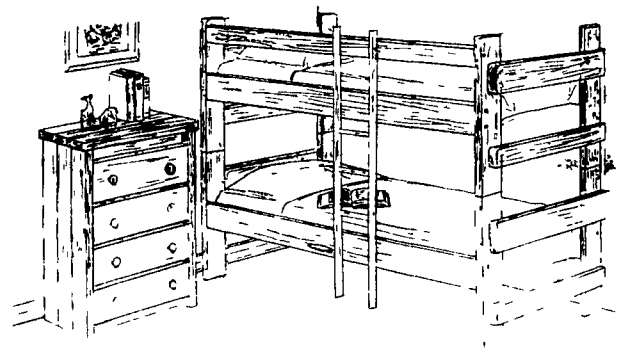

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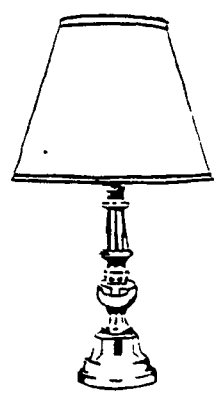

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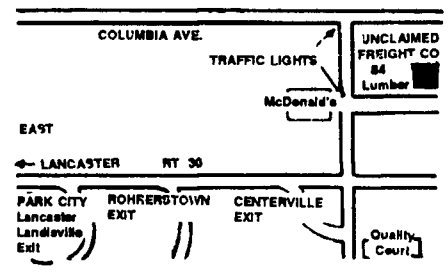

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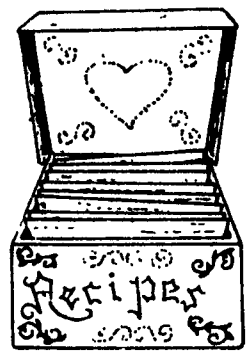

Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — A Bird-in-Hand reader requested a recipe for broccoli soup to can. According to a Lititz reader, the one that was printed in the August 18 issue can be frozen, but is a flop if canned. Do any of our readers have one that can be canned?

QUESTION — Mrs. Ed Snyder, Manheim, asks for a recipe called Rebecca's Rolls.

QUESTION — Carla Lange, Malvern, would like a recipe for lemon poppy muffins and lemon poppy cookies.

QUESTION — A Dauphin County reader would like recipes for canning peppers and carrots, and for canning vegetable soup.

QUESTION — Jean Aurand, New Bloomfield, would like a recipe for diabetic fudge.

QUESTION — Tracy Moyer, Reading, would like to know how to make cotton candy.

QUESTION — Myah Tielman, Lehighton, would like a recipe for a round loaf of rye bread similar to that which had been sold by Fritzinger's Bakery, Walnutport, which is now out of business.

QUESTION — Dianne from Halifax requests a recipe for yogurt coating used on pretzels, peanuts, and raisins.

QUESTION — Diane Cruzan of Bridgeton, N.J., would like a recipe to make homemade bread and rolls that are shellacked and and then arranged with ribbon or dried flowers and used as a kitchen decoration.

QUESTION — Lonnie Tuttle, Bainbridge, NY, would like recipes for cheese made from sheep's milk.

QUESTION — Jay Struble of State College requests the recipe for V8 tomato juice that had appeared in this column recently. He lost it.

QUESTION — Betty from Pennsylvania would like a bologna recipe for venison that tastes like Seltzer's Lebanon Bologna.

QUESTION — Evelyn Yoke of Dover would like a recipe for Chicken Monterey.

QUESTION — Floyd Bortz, Washington, would like a recipe for old-fashioned apple butter made in a copper kettle in a large amount.

QUESTION — Mrs. Hugh Hovermale, Whitacre, Vir., would like recipes for low sugar candy.

QUESTION — A Mount Joy reader would like to know why her sweet potatoes turn green when cooked. Also, she'd like to remind readers to be specific with directions when submitting a recipe such as stating size of pan needed, etc.

QUESTION — Jackie Hitchcock, Aberdeen, Md., would like recipes for pumpkin butter.

QUESTION — Gladys Leatherwood, Mullica Hill, N.J., would like a recipe for Yankee Bean Soup.

QUESTION — Sandy Merwine, Ashland, would like a recipe for homemade pretzels.

QUESTION — Mary Gardner, Newburg, would like recipes for potato dumplings and for pastries.

QUESTION — Hoffman Brothers Farm would like a recipe for chocolate or vanilla or peanut butter fudge that isn't so sweet.

QUESTION — Nancy Zuck, Elizabethtown, would like a recipe for opera fudge.

ANSWER — Mrs. Lewis Kofron, Claymond, Del., requested a recipe for Italian dressing. Thanks to Harriet Brown, Mifflintown, for sending her recipe.

Italian Dressing

4 cups salad oil
2 cups vinegar
3 cups sugar
1 teaspoon garlic salt
1 teaspoon onion salt
1 teaspoon Italian seasoning, dried

Mix ingredients with a blender or mixer until well mixed. Refrigerate until ready to use.

ANSWER — Deb Talada of Cheming, N.Y., requested a recipe for mashed potato spice cake. Thanks to Ruth Martin, Brunnerville, for sending a recipe.

Spud & Spice Cake

1¾ cups sugar
1 cup cold mashed potatoes
¾ cup shortening
1 teaspoon cinnamon
½ teaspoon salt
½ teaspoon nutmeg
3 eggs
1 teaspoon soda
1 cup buttermilk
2 cups flour
¾ cup nuts, chopped
2 tablespoons flour

Combine and cream thoroughly sugar, mashed potatoes, shortening, cinnamon, salt and nutmeg. Add eggs. Combine 1 teaspoon soda, buttermilk, and flour. Coat nuts with 2 tablespoons flour and stir into batter. Turn into a 13x9-inch cake pan, which has been greased and floured. Bake at 350 degrees for 50 to 60 minutes.

ANSWER — A subscriber would like a recipe for the old-fashioned potato yeast to make homemade bread. Thanks to Harriet Brown, Mifflintown, and to Evelyn Yoke, Dover, for sending recipes.

Salt Rising Bread

3 medium potatoes
2 teaspoons salt
3 tablespoons cornmeal
2 teaspoons sugar
4 cups boiling water

Dough:

2 cups lukewarm milk
⅛ teaspoon soda
1 teaspoon salt
10 to 12 cups flour
2 tablespoons melted shortening

Pare and slice potatoes; add cornmeal, sugar, salt, and boiling water. Wrap bowl in a heavy cloth. Cover and allow to stand in warm place overnight.

In morning, remove potatoes. Add milk, soda, salt, and shortening. Add enough flour to make a dough, just stiff enough to knead. Knead until smooth and elastic. Form into 3 loaves. Place in oiled pans. Cover and place in warm location to rise until double. Bake in 350 degree oven about 45 minutes.

If the risings are not very foamy after standing overnight, throw them out and start anew.

ANSWER — Kathryn Fetterman, Ringtown, requested a recipe for the starter of Friendship cake and also for the cake. Thanks to Bertha Kauffman, Allensville; Cindy Hoffman, Richfield; Joanne Musser, Lititz. Since the recipes are long and varied, there is not space to print them all. But in January, look for a special Home On The Range feature on sourdough cooking, which includes bread, cake, muffins, coffee cake, cookies, and rolls.

Friendship Cake Starter

2 cups all-purpose flour
1 envelope dry yeast
1 teaspoon salt
3 tablespoons sugar

Add 2 cups very warm water and stir until smooth paste forms. Cover with a clean cloth and let stand in warm place, 85 degrees, until mixture is sour and bubbles for 2 to 3 days. Stir twice each day. Keep starter in large bowl or container, partially covered to allow gases to escape. When ready to bake a cake, use 2 cups starter and give 1 cup and a recipe to a friend.

Friendship Cake:

Day 1: Place 1 cup starter in large bowl. Stir down, and cover loosely with waxed paper. Leave on counter.

Day 2, 3, 4: Stir batter until smooth.

Day 5: Add 1 cup flour, 1 cup sugar, and 1 cup milk. Stir until smooth.

Day 6, 7, 8, 9: Stir until smooth.

Day 10: Add 1 cup flour, 1 cup sugar, and 1 cup milk. Stir until smooth. Take out 3 cups batter and give to three friends. To the remainder add:

⅔ cup vegetable oil
1 cup sugar
2 teaspoons baking powder
3 eggs
2 cups flour
½ teaspoon salt
2 teaspoons vanilla
1½ teaspoons cinnamon
1½ teaspoons soda

Stir well by hand on medium speed. Bake in greased and floured tube pan at 350 degrees for 45 to 50 minutes.

(Turn to Page B9)

Brownie

(Continued from Page B6)

TRI-LEVEL CAPPUCINO BROWNIES

Crust:

1 cup quick oats, uncooked
½ cup flour
½ cup brown sugar
¼ teaspoon baking soda
6 tablespoons butter, melted

Cappucino filling:

1 7-ounce bar milk chocolate, coarsely chopped
¼ cup butter
¼ cup sugar
1 tablespoon instant espresso OR instant coffee, hot water
2 eggs
2 teaspoons vanilla extract

Frosting:

1 3-ounce bar milk chocolate, coarsely chopped
⅓ cup dairy sour cream
1 tablespoon strong brewed coffee

Preheat oven to 350 degrees. For the crust, combine first 4 ingredients in medium-sized bowl. Stir in butter until combined. Press mixture onto bottom of a buttered 9-inch square baking pan. Bake 8 to 10 minutes. Remove from oven. Cool on wire rack.

Meanwhile, for filling, place chocolate in a small bowl; then place in a skillet filled with simmering water. Melt chocolate, stirring until smooth. Beat butter in small mixer bowl until fluffy. Beat in sugar. Dissolve coffee in hot water. Beat in eggs, coffee mixture and vanilla. Add melted chocolate; beat until smooth. Pour over crust. Bake 20 to 25 minutes, or until top springs back when gently pressed with finger. Cool completely on wire rack.

For frosting, melt chocolate as described above. Stir in sour cream and coffee until smooth. Frost top of brownies. Cut into bars before serving.

Am. Dairy Assoc.

BROWNIE PUDDING

1 cup all purpose flour
¾ cup granulated sugar
2 tablespoons cocoa powder
½ teaspoon baking powder
½ teaspoon salt
½ cup milk
2 tablespoons salad oil
1 teaspoon vanilla
¾ cup walnuts
¾ cup brown sugar
¼ cup dry cocoa
1¾ cups hot water

Sift together first 5 ingredients. Add milk, oil, and vanilla. Mix until smooth. Stir in nuts. Pour into greased 8x8x2-inch baking pan.

Combine remaining ingredients. Pour batter on top of other mixture. Bake at 350 degrees for 45 minutes. Serves 6 to 8.

Shirley's Kitchen

CHOCOLATE MINT BROWNIES

½ cup butter
2 ounces unsweetened chocolate
1 cup sugar
2 eggs
½ teaspoon vanilla extract
½ cup flour
½ teaspoon baking powder
½ teaspoon salt
15 coarsely chopped creme de menthe candy wafers

Preheat oven to 350 degrees. Heat butter and chocolate in medium-sized saucepan over low heat until melted. Remove from heat. Stir in sugar, eggs, and vanilla. Combine flour, baking powder and salt. Stir into chocolate mixture until smooth. Spread in buttered 8-inch square baking pan. Sprinkle with chocolate candies. Bake 25 to 30 minutes, or until brownies begin to pull away from sides of pan. Do not overbake. Cool completely on wire rack. Cut into bars before serving.

Cook's Question

(Continued from Page B8)

ANSWER — Shirley Schwoerer of Wysox requested recipes for corn tortillas, flour tortillas, and gnocchi. Thanks to Chris Bordner, Duncannon; Harriet Brown, Mifflintown; and Ruth Bricker, Glen Rock; for sending recipes.

Flour Tortillas

3 cups flour
1 teaspoon baking powder
¾ cup warm water
1½ teaspoons salt
¼ cup shortening

Combine flour, salt, and baking powder in a large bowl. Cut in shortening. Add water and mix until dough clings together. Knead dough one minute. Cover and let rest 30 minutes.

Cut dough into 12 pieces. Shape into balls. Roll each piece into a 9-inch paper thin circle on floured surface.

Heat large skillet until hot. Cook one tortilla at a time, pressing down with a spatula as dough blisters and bubbles. Flip and cook a few seconds on other side. Stack in plastic bag while making more.

Potato Gnocchi

3 cups mashed potatoes, fresh
1½ cups unsifted flour
1½ teaspoon salt
1 tablespoon olive oil
2 eggs, slightly beaten

Measure the potatoes into a bowl and add the 1½ cups flour, salt, and oil. Blend with a fork. Add eggs and blend thoroughly into potato mixture. Put dough on a floured board and knead gently about 15 times. Shape into a fat loaf and set on a floured area to prevent sticking. Cut off one piece of dough at a time, about ½ cup, and roll on a very lightly floured board into a cord 3/8-inches thick. Cut in 1/2-inch lengths. With fore finger roll the piece of dough over the end of your finger. Do each one the same way. Lightly sprinkle a little flour over the pieces to keep from sticking together.

Have 3 quarts boiling salted water ready. Drop in about ⅓ of them at a time. Cook for 5 minutes after they rise to the surface. Remove from water with a slotted spoon. Put in a dish or pan. Mix gently with a little melted butter until all are cooked. Serve with spaghetti sauce of your choice.

Cooking Chicken With Skin Adds Flavor, Not Fat

WASHINGTON, DC — Leave the skin on when cooking chicken meat and only the flavor of the chicken — not the fat content — is increased, according to a National Broiler Council study.

Contrary to many previously issued dietary guidelines, including those of the American Heart Association and the American Cancer Society, removing the skin before cooking chicken is not necessary for keeping calorie and fat content to a minimum.

Consumers concerned about lowering fat intake can feel comfortable roasting chicken with the skin on since there is no significant difference in the fat content of chicken cooked with or without the skin. Leaving the skin on while cooking is usually more convenient and if barbecuing on a grill the skin helps protect the moist tender meat. By removing the skin after cooking, the flavor of the chicken will also be maintained without adding fat.

What is important to remember for those watching calorie and fat intake is not to eat the skin. Just remove the skin after cooking and before eating. A 3-ounce roasted breast without the skin has 116 calories and 1.5 grams of fat.

Today's trend toward thoughtful eating makes chicken an all-round health food. Lower in calories and fat than most meats, chicken provides the complete protein the body requires daily. And it can be prepared in an endless variety of ways to appeal to all ages and tastes.

Football fans like chicken.

According to a survey of National Football League stadiums by Nation's Restaurant News, serving before, during and after games is big business and chicken is a very popular part of the growing sales to spectators.

Game day sales can often approach $400,000 at certain stadiums, the survey found. Foods offered are varied and change as the season moves from warm weather to cold weather.

A sampling of the top three most popular foods in the National Conference includes the following: Chicken strips/french fries at the Detroit Lions' Pontiac Silverdome; chicken wings at the Tampa Bay Buccaneers' Tampa Stadium; chicken/pasta salads at the San Francisco 49ers' Candlestick Park; and chicken filet sandwiches at the Atlanta Falcons' Fulton County Stadium. In San Francisco, the bestseller is the "health dog" made of a vegetable and tofu base.

In the American Conference, fried chicken is a top three champ for the New York Jets' Giants Stadium; Buffalo wings (naturally) at the Buffalo Bills' Rich Stadium; chicken patty sandwiches at the Los Angeles Rams' Stadium; and friend chicken sandwiches at the Denver Broncos' Mile High Stadium. Turkey dogs are at the top of the menu at the San Diego Chargers' Jack Murphy Stadium.

New Orleans Superdome is adding six concession stands featuring a limited Popeyes Chicken & Biscuit menu. At Tampa Stadium the Hooter's fastfood chain sells six-piece and 18-piece buckets of its trademark Buffalo wings.

And among fans who "take their own," fried chicken is still the number one choice for tailgating. There's little doubt that football fans are also chicken fans.

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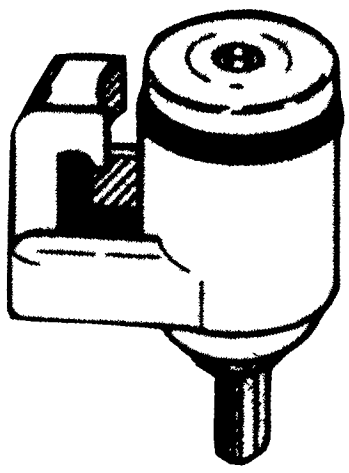

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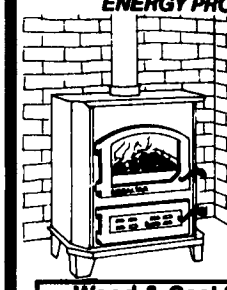

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Kid's Korner

Alley Animals Rescued

SHARON B. SCHUSTER
Maryland Correspondent

WESTMINSTER, MD — "Happy" and "Smiley" have a lot to be happy about. They are two lucky dogs that were rescued from the streets of Baltimore by the kind people at "Alley Animals." And Smiley showed an especially big toothy grin of appreciation when the Team 4 seventh graders at Westminster West Middle School presented to Alice Arnold, founder of the humane organization, $500, 500 pounds of dog and cat food and coupons that the students had collected from the community over the last month.

"You guys are special," said Arnold. "It's a thrill to see a group like you take time to care about animals."

Alley Animals, based in Towson, was started in the winter of 1985. Volunteers hit the streets at 2:00 in the morning, carrying 100 pounds of food and travel about 30 miles within the city of Baltimore to feed stray and abandoned animals.

"We establish a safe feeding point," explained Arnold. "We get an idea of what we're working with." The volunteers travel down 150 alleys and feed nearly 1,000 animals every night. After the animals are picked up and taken back to the Alley Animals shelter, they are evaluated and given a veterinary examination. "If they're healthy and friendly, they're put up for adoption."

The West Middle School kids became involved in the effort as part of an integrated Language Arts unit developed by their teacher, Richard Thompson. "I thought this would be a good way to reach out and do practical stuff," explained Thompson, a self-proclaimed "animal lover." In the lesson which focuses on animals, Thompson presents a variety of activities for his students to do, from reading animal stories and poems, to listening to speakers about pet first aid, to collecting donations for Alley Animals.

Seventh grader Tim Zukas said, "I think we're helping out the strays a lot." Fellow classmate, George Merkel, concurred, "I think it's a good project. I encourage everyone to spay or neuter their pets."

In the course of their project, the students have become painfully aware of the statistics which point to the harsh realities. "I didn't realize how many strays there are in the United States," commented Zukas.

Thompson reported that of the 80 million animals in the U.S., "approximately 25 percent are strays." That translates to about 20 million stray animals.

"For every one we help, it is replaced by two more," said Arnold. She routinely sees the sad outcome of abandoned and abused animals that "starve, are stoned, burned, and tortured in ways too numerous and gruesome to mention."

"If people want a pet, they should take care of it," advised Zukas. "We need a lot more people to do this, and I think they should promote this (program) more."

The students outlined important basic rules for keeping a pet -- "Spay and neuter, be responsible, take care of your pet, and license it."

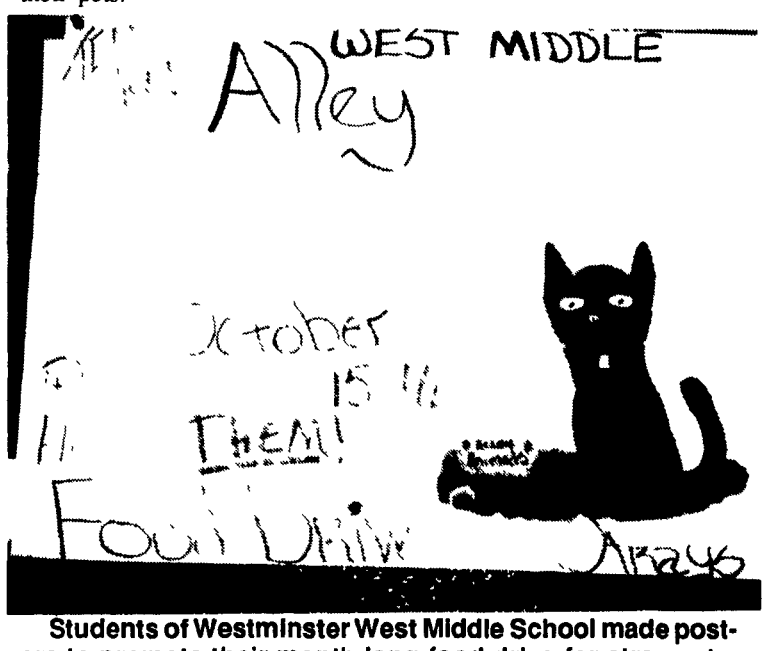
"And leave the breeding up to the breeders," added Brad Bantel.

The food and money that was collected during the students' campaign will be matched by a benefactor in the person of actress Ruell (Rue) McClanahan of the television series, *The Golden Girls*. Thompson said that he contacts well-known personalities to support the kids campaign every year. Black and white autographed photos of Betty White and Bob Barker are reminders of previous years success stories in the "Food Drive for Strays."

Thompson said that the students needed "very little motivation. They love animals, and it's really important to them." He reported that "out of 110 students, 65 volunteered to stay after school for an hour and a half to make campaign posters. More than anything, the kids are basically good, compassionate and concerned about problems in the world."

Of the month long project that culminated in a visit by Happy, Smiley, Cedar the cat, a bunny and two four-day-old orphaned kittens, Jason Taylor said, "I think we're making a difference."

Students volunteer to hold kittens that were rescued from the streets by people who work for Alley Animals.



Students of Westminster West Middle School made posters to promote their month long food drive for stray pets.

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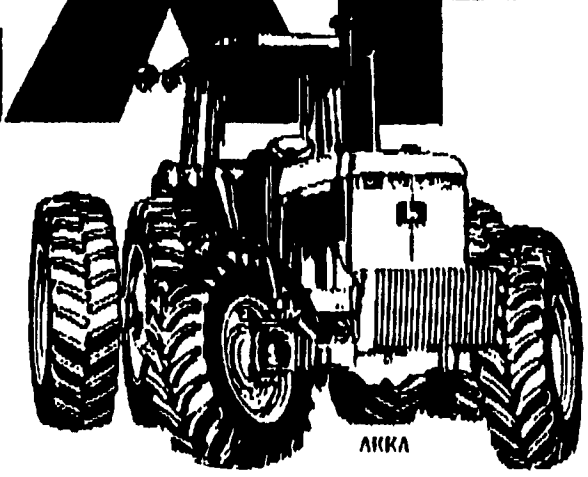

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Brownies aren't exactly a diet food, but nutritionists for Dairy Council recently taught Atlantic Dairy Cooperative members how they can splurge on high fat foods and still keep the calories down.

At Atlantic Dairy Cooperative

Women Learn A Do-It-Yourself Approach To Balance Fat Budget

LOU ANN GOOD
Lancaster Farming Staff

LANCASTER (Lancaster Co.) — "There is no such thing as a bad food," Carolyn Weaver, a nutrition educator for Dairy Council, told women who attended the Atlantic Dairy Cooperative on November 16.

Weaver believes that people should enjoy the foods they like, and that they can, if they understand fat budgeting.

The Dairy Council recently developed a fat budgeting program called Healthy Dividends.

The do-it-yourself plan enables women to lower or control their weight by limiting their intake of fat.

First, they must know how many fat grams they are allowed to consume each day. This varies according to age and weight. A 40-year-old woman who weights 135 pounds is allowed 75 grams. Depending on age and ideal weight, the daily amount of grams allow varies from 55 to 90 grams.

To get a brownie, Jan Stanton, right, paid "Fat Bucks" to Carolyn Weaver, nutrition educator for Dairy Council. Weaver taught women about a new fat budgeting program called "Healthy Dividends," which was developed by the Dairy Council.

In this program, woman should learn to know standard serving sizes. "For example: a three-ounce serving of fried shrimp contains 10 grams of fat. If you eat six ounces. That means you're eating 20 grams of fat," Weaver said.

To help the audience understand the scientific recommendation that 30 percent of calories should be from fat and 10 percent from saturated fat, each person was given 20 'Fat Bucks" to spend at a buffet table.

For five "Fat Bucks" a person could purchase a cube of cheese, which has five grams of fat. Two rye crackers cost two "Fat Bucks;" a brownie costs five "Fat Bucks;" and potato chips cost 10 "Fat Bucks." Fresh vegetables were free, but the dip to accompany them cost four "Fat Bucks."

This on-hands experience taught the importance of planning to eat the grams that will bring the most pleasure and the most nutrition. "It's possible to stay within the fat gram guidelines, but not eat nutritiously."

For more information on the Healthy Dividends diet, call the Dairy Council Camp Hill office at (215) 322-0450.

Carolyn Crouse, right, admired the quilts displayed by Jean Musser at the annual Atlantic Dairy Cooperative meeting held at Lancaster Sheraton.

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MICROWAVE MINUTES

By JOYCE BATTCHER

Here are a couple of festive recipes to add an unusual note to your holiday dinner.

Both of these are adapted from the Butterball® Turkey Talk-Line 10th Anniversary Collection. Apple Cranberry and Pecan Pie is from a Home for the Holidays Menu. This luscious pie combines several favorite pie choices into a single crust. Serve it to top off a traditional Thanksgiving feast.

Microwave the crust before adding the filling. Before microwaving, brush crust edges with dark vanilla for a golden-brown baked look. Add filling, mounding the filling around edges of crust, rather than in the center. Add the topping and microwave on High. Total cooking time is only about 20 minutes.

Southern Peach Compote is typical of a melange of spiced fruit that is often served with the meat or poultry course in Southern states. Traditionally, the juices are simmered five minutes on the range-top, poured over the fruit mixture, and baked for about 40 minutes in a 350° oven. The original recipe called for crumbled chewy macaroons, but I found that flaked coconut looked much better in my microwave version. Heating time here is only about 11 minutes. The compote can be made ahead and reheated or stirred together and heated at the last minute.

Apple Cranberry and Pecan Pie

1 9-inch unbaked pastry crust
4 cups sliced Granny Smith apples (about 3 medium apples)
1½ cups fresh cranberries, coarsely chopped
¼ cup coarsely chopped pecans
⅔ cup packed brown sugar
3 tablespoons flour
1½ teaspoons ground cinnamon
½ teaspoon ground nutmeg
3 tablespoons butter
⅓ cup packed brown sugar
¼ cup flour
1 teaspoon ground cinnamon

Prepare Pastry Crust (below) and microwave until no longer shiny-looking. Set aside.

Stir together apples, cranberries, pecans, ⅔ cup brown sugar, 3 tablespoons flour, 1½ teaspoons cinnamon and nutmeg. Pour into cooked crust, forming a slight indentation in center; set aside.

Using a fork, cut butter into ⅓ cup brown sugar, ¼ cup flour and 1 teaspoon cinnamon until mixture is crumbly. Spoon over filling. Microwave (High) 13 to 15 minutes or until apples are tender when tested with a fork. Serve warm or at room temperature. Makes 8 servings.

Each serving - ¼ of recipe: 359 calories, 3g protein, 18g fat, 49g carbohydrate, 164mg sodium, 13mg cholesterol.

For fewer calories: Omit pastry crust. You'll still have a wonderful-tasting dessert, but one containing only 275 calories, 61 milligrams of sodium and 13 grams of fat per serving.

Pastry Crust

Prepare pastry crust according to favorite recipe, being sure to cut fat thoroughly into flour. (Particles should be size of crumbs.) Add 2 to 3 drops of yellow food coloring to liquid ingredients before mixing.

Roll out and place in microwave-safe pie plate, being careful not to stretch dough. Prick bottom and sides well with fork. If desired for more color, brush top edges with vanilla.

Microwave (High) 3 to 5 minutes, rotating pie plate and watching carefully during last part of cooking. Pastry is done when top looks dry and blistered and feels firm. Makes 1 deep or regular 9-inch crust.

Frozen crust: Thaw 1 to 3 minutes on Medium Low or according to package directions. If in foil pan, remove crust from pan while still frozen by bending pan edges and popping crust out into a microwave-safe pie plate. Continue as above.

Southern Peach Compote

2 cans (28 ounces each) cling peach halves in heavy syrup
1 package (8 ounces) dried figs, quartered
1 cup flaked coconut
¼ cup butter
¼ cup amaretto liqueur*
1½ teaspoons ground cinnamon
1 teaspoon ground ginger
¼ teaspoon grated or ground nutmeg
½ cup slivered almonds

Drain peaches and set aside. Measure 1½ cups syrup into a microwavable 3-quart casserole. Add butter, amaretto, cinnamon, ginger and nutmeg. Microwave (High) 5 minutes or until boiling. Stir in peaches, figs, coconut and almonds. Cover with lid and microwave (High) 6 to 7 minutes or until hot. Serve hot or warm. makes 10 to 12 servings.

Each serving- 1/12 of recipe: 215 calories, 2g protein, 9g fat, 32g carbohydrate, 50mg sodium, 12mg cholesterol.

*or, use ¼ cup reserve peach syrup plus ¼ teaspoon almond extract

Questions and answers-

Q. Can I cook turkey giblets in my microwave?

A. Yes. To prevent them from exploding, pierce them first, add a large amount of liquid, and microwave on a low power setting.

Prick each giblet several times with a fork or sharp knife. Combine gizzard, heart and neck with 3 cups water and any seasonings in microwavable 2-quart casserole. Cover with lid or plastic wrap. Microwave on Medium (50 percent power, 325-350 watts), 35 minutes, stirring after 15 minutes. Add liver, re-cover, and continue microwaving on Medium about 10 minutes or until done. Let stand, covered, 5 to 10 minutes, so danger of exploding is past. Remove and chop meat; strain broth to use in gravy or stuffing.

Q. I have a candy recipe that says to use a double boiler and melt 1 square or 1 ounce chocolate, then add ¼ cup evaporated milk and cook 2 to 3 minutes. How can I do this in my microwave?

A. Melt the chocolate and milk together on High for about 30 seconds; stir and repeat these steps until chocolate is melted after stirring. Then microwave (High) 20 seconds, stir, and repeat these steps until the mixture is hot or the bottom of the dish feels warm. Be careful not to heat too long.

Questions for Joyce?

Do you have a question about microwave cooking? Send it to Microwave Minutes, % Extra Newspaper Features, P.O. Box 6118, Rochester, MN 55903. Please include a self-addressed, stamped, business-size envelope.

Recipes in this column are tested in 600- and 650-watt microwave ovens. With an oven of different wattage output, timings may need slight adjustment.

Joyce Battcher is an independent home economist specialist. She is author of "Microwave Family Favorites" and editor of "A Batch of Ideas" newsletter.

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TAKING TIME

by Rebecca Wolf

Extension Home Economist

Family Times Inside

By Presidential Proclamation, November 18 to 24 was declared National Family Week. Next week many families will gather for Thanksgiving Day festivities.

In a transient society, opportunities to strengthen family ties can seem infrequent. In honor of National Family Week and the coming holidays, I encourage you and your families to participate in some indoor family activities.

This past spring I hosted a birthday party for my two grandmothers. During that celebration, my parents and grandparents answered a quiz. It made for quite a lively conversation! You can try the quiz as a dinner time conversation starter. How many could you answer correctly?

"How Well Do You Know Your Parents?"

1. Does your parent drink tea or coffee? Does your mom or dad put anything in it?
2. What food can't your mom or dad stand?
3. Did your mom or dad have a nickname as a child? What was it?
4. Name one or two of your parents' best friends.
5. What does your mom or dad do to relax?
6. What was his or her favorite subject in high school?
7. What was one of his or her most enjoyable extracurricular activities in high school?
8. What one thing would your parents like to do with you more often?
9. What is something your mom and dad think is really special about you?
10. What is your mom and dad's favorite family occasion?

Here's the companion quiz "How Well Do You Know Your Child?"

1. Who is your child's best friend?
2. What is one of your child's favorite music groups or recording artists?
3. What famous person would your child like to meet?
4. Who is your child's least favorite teacher?
5. What is something your child really likes about you?
6. What would your child like you to do more often together.
7. What was your child's biggest disappointment this last year?
8. What thing do you do that really upsets your child?
9. What does your child want to do when he/she grows up?
10. Of what accomplishment is your child most proud?

As the weather changes, children spend more time inside. Help toddlers create a pretend post office by saving cancelled stamps, junk mail envelopes, and scrap paper. With a few supplies--crayons, canvas bag, and a "mailbox"--your child will spend hours "writing" letters and delivering them. You may suggest this as an activity for your youngsters while you're writing and mailing holiday cards. They may also be eager stamp-lickers!

Will you be traveling "over the river the through the woods" for the holidays? If your children get restless in the car, try playing "Bingo" together. Your child decides on a number (1 to 5) or color vehicle--for example, a big red truck or a little yellow car. He shouts BINGO when he sees it. Everyone joins in trying to spot the object first.

Create a "Family Flower". Using various colors of construction paper, cut out parts for a flower or plant. Write the first and last names of everyone in your family, including grandparents and great-grandparents on different petals and leaves. Your child can paste the parts together to make a family flower on a large white sheet of paper.

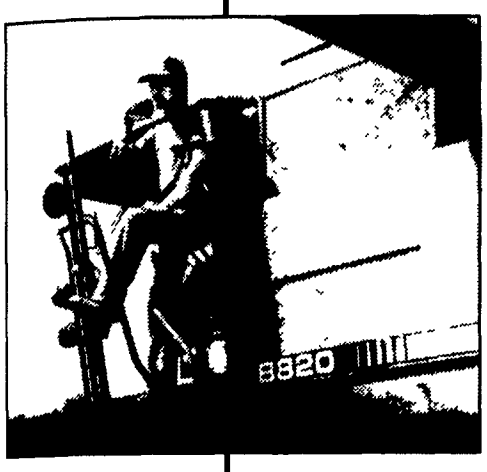
Try this activity before the relatives come. By making the flower and talking about all the people, you can prepare your children for the visitors. It's also a way to familiarize your children with relatives they rarely meet. Be sure to talk about what makes each person special. You may want to find pictures to show your children as they work.

My mother has a paper chain that she hangs each holiday season. Each link names a member of our family tree--including grandparents and long-since-dead pets!

One chilly evening make a bowl of popcorn and try "shadow acting". You need to make a screen by stretching a sheet across a doorway. Behind the sheet, place a lamp or other light. Now have someone walk between the light and the sheet while the rest of the family watches his shadow on the sheet. Try a hat, umbrella or cape to change the shadow's appearance.

For quiet family times, read books. Have you read these?: *All in a Day*, by Mitusmasa Anno, pictured activities of children in a 24-hour period starting with the evening of December 31. Pictures reveal the uniqueness of each of eight cultures while also showing similarities between them. *As I Was Going Up--And Down*, by Nicola Bayley, portrays an upside-down piano player and a cow who comes to dinner among the cast of characters in these nonsense rhymes. This introduces children to the fun of books. *Do You Want To Be My Friend?*, by Eric Carle, tells how a tiny mouse looks for a friend. The large animals show no interest. At the end he finds a companion.

Indoor family times are enjoyable. Sometimes they take creativity and planning, though. With a trip to the library or discount store and a rummage through the closets you will be prepared for a time of laughter and togetherness. What a way to celebrate the family!



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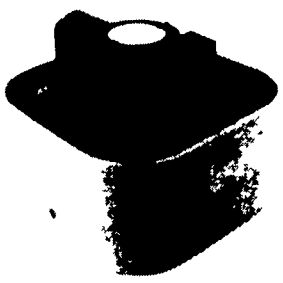

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Chef Demonstrates Pastry Making

GAY BROWNLEE
Somerset Co. Correspondent

CHAMPION (Somerset Co.) — Pittsburgh chef Ted Martz taught a pastry class at the Penn-Jersey Equipment Dealers Convention held recently at the Seven Springs Mountain Resort. Martz served dainty confections such as apple strudel, a filled pastry called Bull's Tongue that had a red raspberry filling, and a cream-filled pastry topped with chocolate frosting.

Martz stresses using real ingredients such as butter, cream and dozens of eggs in his recipes. He said using these ingredients make a great difference in the flavor of the final product. He prefers to use powdered cocoa rather than melted chocolate.

To produce the perfect cheesecake, Martz said, "Keep the oven temperature no higher than 300 degrees. If you have trouble with cracking, it is because you baked it at too high a temperature."

Another important process is to mix it at the lowest speed to prevent over-aerating the batter. He said, "Too much air in the batter will cause it to crack."

Cream puff pastry should come out of the oven feeling light as a feather, according to Martz. "If it isn't light, it hasn't been baked long enough so leave it in the oven," he said.

Martz makes a lot of wedding cakes. To keep them moist, he brushes them with liquor using a regular paint brush. Martz never uses a pastry brush because the bristles tend to come out. Dark paint brushes are better because a stray bristle is easy to spot.

Although Martz told the guests that edible flowers are used often as a garnish, he admits that he doesn't eat them.

Patti Cosnell was the chairperson of the committee for the activities for women. She had collected recipes from the women and had the recipes printed in a cookbook.

Ted Martz is poison for those who want a trim waistline. The pastry chef breezed through demonstrations with elan that obviously evolved over many years of experience.

Donkey Association

ROME, N.Y. — A National Miniature Donkey Association has been formed. The Association to be headquartered in Rome, N.Y., will provide a network for miniature donkey owners and breeders. Additionally, educational videos and articles in a quarterly newsletter will share much needed health care information. Miniature donkeys make wonderful pets and are great investments. To become a charter member, contact: The National Miniature Donkey Association, RD 1 Box 472, Rome, New York 13440. For a limited time annual dues will be $10. Contributing members of $25 or more will be recognized in the first issue.

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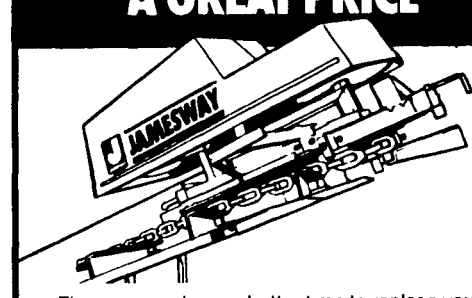

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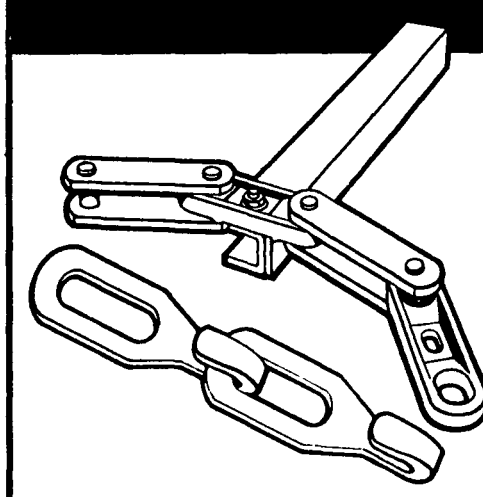

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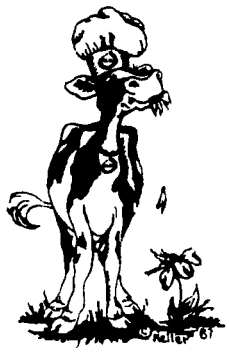

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Columbia Co. Has 3 State Winners

Michael Fedorco, Columbia County, shows his Paint yearling colt.

Tracy Davis, Columbia County, was first in grooming and showmanship, 13-15 yrs.

BLOOMSBURG (Columbia Co.) — Columbia County 4-H horse members received three first place awards in the 31st annual State 4-H Horse Show held October 26-28 at the State Farm Show Complex in Harrisburg.

County winners in 4-H horse performance classes were Tracy Davis, first place, grooming and showmanship (13-15); Crystal Smith, second place, Western Pleasure Pony; Tracy Davis, second place, Stock Seat Equitation Sr. Division; Neda Albertson, sixth place, Pleasure Pony Driving; Crystal Smith, seventh place, Open Trail Pony; Jason Jones, eighth place, Obstacle Trail Course; Robert Kile, ninth place, Obstacle Trail Course; Robert Kile, tenth place, Walk-Trot Equitation; Megan Rubenstein, tenth place, Stock Seat Equitation Jr. Division.

In 4-H horse production classes, local winners were Megan George, first place, Arabian Yearling Colt; Michael Fedorco, first place, Paint Yearling Colt; Dawn Jones, second place, Quarter Horse, 2 yr. old Filly; Ryan Kitchen, second place, Stock Type Horse Yearling; Kelly Yashimski, second place, Stock Type Pony 2 yr. old Gelding; Jared George, third place, Arabian Colt of this year; Michelle Adams, sixth place, Quarter Horse, Yearling Filly. Several other Columbia County horse club members competed in the state contest and received recognition. They were Angela Brown, Cindy Brown, Stephanie Crawford, Sherry Gillespie and Jennifer Gordner.

Charles D. Gale, extension agent, pointed out that competition gave 4-H'ers an opportunity to display their skills in horsemanship and proper horse grooming.

More than 650 winners in county and district competitions from all over the state vied for awards. Columbia County had 18 4-H'ers entered. Events tested skills in showmanship, pole bending, barrel racing, and jumping.

Megan George, Columbia County, displays Arab Yearling, a 2-yr-old colt.

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Adams Co. Holds 4-H Beef Show, Sale

CHAMBERSBURG (Adams Co.)— The sixth annual Adams County 4-H Beef Show and Sale was held at Wenger's Saddlery, York Springs. Twenty Adams County 4-H members competed at the show and sold their steers at the sale.

Reserve champion 4-H fitter/showman trophies were presented to reserve champion fitter/showman by the trophy donors, from left, Ted Rhodes, representing Rhodes Enterprises, to Jamie Boyer, advanced class; Tim Spangler, representing Spangler Springs Farms to Ben Stine, senior class; Albert Crowl, representing Crowl's Custom Butchering to Travis Rhodes, intermediate class; Suzanne Kaiser, representing K-Hill Farm to Levi Bream, junior class.

The results of the show and sale are as follows: Jamie Boyer, East Berlin, had the grand champion 4-H steer. It was bought by Woodhaven Building & Development, Martin Hill for $1.57 a pound. The champion steer trophy was donated by the Adams County Beef Producers Association.

Mandy Hilbert, Littlestown, had the reserve grand champion 4-H steer. It was bought by Gettysburg National Bank for $1.15 a pound. The reserve champion steer trophy was donated by G & T Farms.

Fitter/Showman results:

JUNIOR DIVISION: Champion, Wayne Flickinger, Biglerville, trophy donated by KC Acres; Res. Champion, Levi Bream, Gardners, trophy donated by K-Hill Farm; Third, Eugene Hunt, East Berlin; Fourth, Kristi Cunningham, Aspers.

INTERMEDIATE DIVISION: Champion, Julie Boyer, East Berlin, trophy donated by J & J Limousin; Res. Champion, Travis Rhodes, New Oxford, trophy donated by Crowl's Custom Butchering; Third, Laura Cunningham, Aspers; Fourth, Mark Wessel, New Oxford.

SENIOR DIVISION: Champion, Stan Reever, East Berlin, trophy donated by Robert King; Res. Champion, Ben Stine, East

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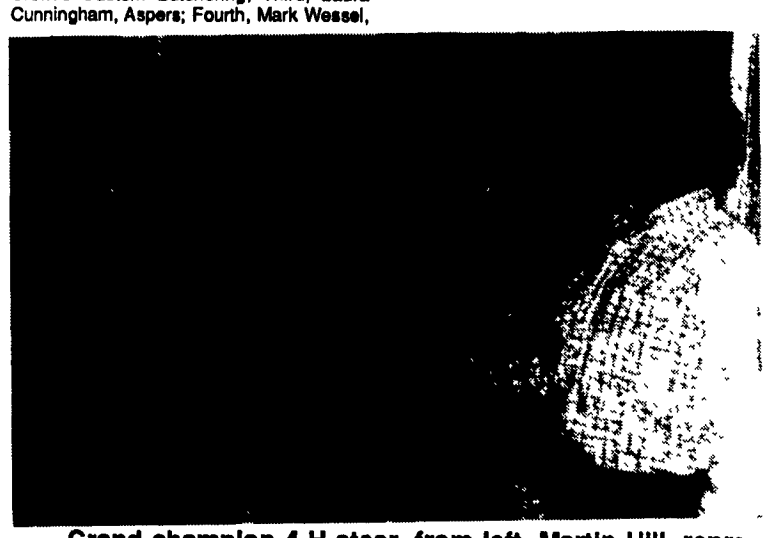

Grand champion 4-H steer, from left, Martin Hill, representing Woodhaven Building and Development, Inc., bought the steer from Jamie Boyer. Plaque was presented to Amy Cunningham, Adams County Beef Producers Association Princess and Julie Allen, association president. The steer was bought for $1.57 a pound.

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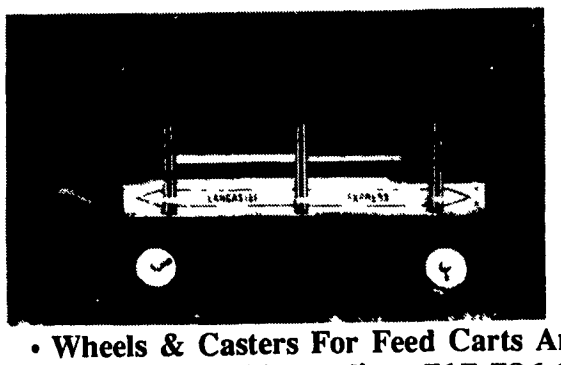

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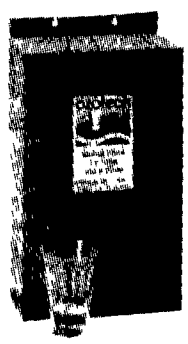

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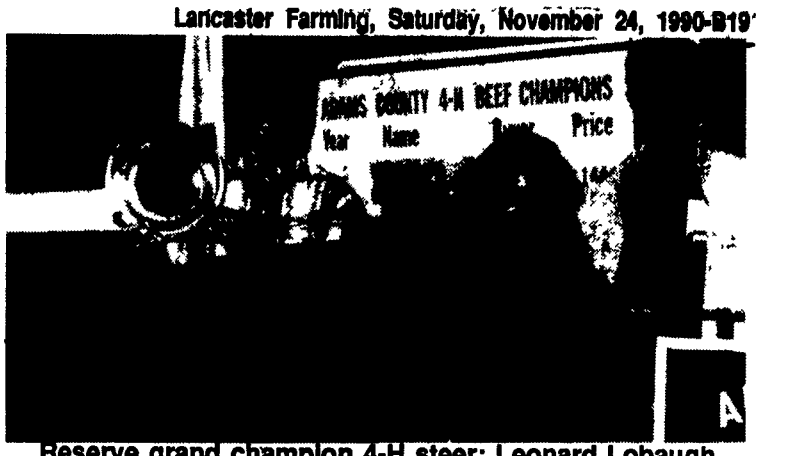
Champion 4-H fitter/showman trophies were presented to the champion fitter/showman by the trophy donors, from left front, Amy Sherman, representing KC Acres, to Wayne Flickinger, junior class; (back row) Kevin Grim, advanced class, presented by Tom Wessel, representing Fairmount Farms; Jason Boyer, representing J & J Limousins to Julie Boyer, intermediate class; Ben Stine, representing Robert King, to Stan Reever, senior class.



Reserve grand champion 4-H steer: Leonard Lobaugh, right, representing Gettysburg National Bank, bought the steer from Mandy Hilbert. The plaque was presented by Todd Grim, representing G & T Farmers. The steer was bought for $1.15 a pound.

4-H Beef Show

(Continued from Page B18)

Berlin, trophy donated by Spangler Springs Farm, Third, Amy Cunningham, Aspers, Fourth, Megen Wessel, New Oxford; Fifth, Karen Millar, Gettysburg.

ADVANCED DIVISION: Champion, Kevin Grim, Thomasville, trophy donated by Fairmount Farms; Res. Champion, Jamie Boyer, East Berlin, trophy donated by Rhodes Enterprises; Third, Mandy Hilbert, Littlestown, Fourth, Janelle Boyer, East Berlin

LIGHTWEIGHT: Steer Weight Division Champion, Julie Boyer, buyer Glen W Boyer & Sons, Res Champion, Stan Reever, buyer Bull's of New Chester Class 1, first, Karen Miller, buyer Millar Angus, second, Kristi Cunningham, buyer South Mountain Farm Class 2, second, Levi Bream, buyer J F Waybrant. Class 3, second, Travis Rhodes, buyer CCNB Bank, N A ; third, Amy Cunningham, buyer Bucher Meats

MIDDLEWEIGHT: Res Champion, Janelle Boyer, buyer King Construction Class 4, first, Megen Wessel, buyer Nell's Food Market, second, Seth Small, buyer Mrs. Nelson Small. Class 6, first, Wayne Flickinger, buyer Andgrow Fertilizer/Agway; second, Mark Wessel, Wayne Nell & Sons Meats; third, Laura Cunningham, buyer Jim Boyer.

HEAVYWEIGHT: Res. Champion, Kevin Grim, buyer Hanover Veterinary Hospital. Class 7, first, Marc Scott, buyer J F. Waybrant, second, Eugene Hunt, buyer Peoples State Bank. Class 8, first, Ben Stine, buyer Round Hill Foods; second, Kris Kaiser, buyer Woodhaven Building & Development, Martin Hill

Martin Hill donated the grand champion steer to the Adams County 4-H Beef Club. The steer was bought by Crabbs Tropical Treat.

The sale average, including champions, was $1.09 per pound. The average without champions was $1.08.

Auctioneer was Harry Bachman and the judge was Terry Musser.

The following patrons contributed to the financial obligations of the show and sale: M & M Electric; Ag Comm, Inc.; Howe Home Sales; Oxford Pharmacy; Stermer's Custom Butchering; New Oxford Agway & Supply; Pioneer Seeds, Don Boyer; Baker Truck & Auto Collision; Western Auto Parts & Service; Growers Equipment Center; American Breeders Service; Cashman's True Value Hardware; Lincolnway Sales & Service; The Distelfink Drive-in & Bakery; Lerew's Ford; Nace Sports; W. L. Sterner; Inn 94; Sallzgiver's, Inc.; Wolf Supply Company; Pleasant View Farms; Robert Lentz; R & S Construction; Emig's Exxon Service; Bryon Waggoner; Kuhn Bros. Oil Service; Pioneer Seeds, Don MacBeth; Starner's Grain & Feed; Lois Knott Advertising; Bankert Trophies; H & S Supply; South Mountain Farm; East Berlin Pharmacy; M. J. Sheffer, Inc.; Donald Stine; Hostetter Farm Supply, Inc.; Gene Latta Ford; and Richard Poole, Inc.

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MARTINSBURG (Blair Co.) — For Pennsylvania's new Dairy Princess Kristin Metzker, talking and dairying comes as naturally as breathing.

On the way to winning her crown and FFA awards, Kristin has fought some tough battles of prejudice because she is female, from the farm, and was the student of an animal rightest' teacher. But the peppey teen persevered against opposition and used those situations to her advantage.

For example, her ability to speak extemporaneously and with clarity and organization was one of the main requirements for the state dairy princess. Ironically, Kristin credits her public speaking ability to taking a class an animal rights, which happened when her ninth grade English teacher promised students extra credit if they would attend a course on animal rights during the daily lunch hour.

Always the diligent student, Kristin attended the class. She was appalled by the slanted facts and fiction that she said dominate the animal's rights movement.

"The animal rightists groups take the worst cases they can find and act like these unusual events are an everyday occurrance," Kristin said.

The teacher showed a picture of an animal being dehorned. Its head was in a headlock with blood running everywhere. The animal rightist groups claimed that this is what happens to cull cows and that many of them die and are then ground into burger.

From her on-hands farm experience, Kristin knew that the dairy industry is so strongly regulated that this could not possibly happen.

Determined to dispel the distorted facts, Kristin took three areas in the animal rights movement that most upset the group. She wrote to all the major animal rights movements and pretended she was interested in their cause. The groups sent her stacks of information — "really propaganda," Kristin said.

Kristin also gathered information from agricultural sources. By using the information from the two opposing sides, Kristin prepared a speech that was well-founded on facts to prove that three of the animal rightist's main points were not true.

That speech propelled her into the winner's circle in FFA public speaking competition. She placed third in the state FFA contest — an amazing achievement for a freshman competing against seasoned seniors.

Another prejudice that Kristin faces is peers that look down on her for coming from a farm. She recalls that all through school, she has had to deal with classmates' snide name calling such as "cow" and their barnyard jokes.

For some reason that Kristin fails to comprehend, many of her classmates are ashamed that they come from a farm and hide that information from their peers.

The Monday after receiving the state crown, a classmate said to Kristin, "Aren't you embarrassed that every one knows you come from a farm."

Kristin feels quite the opposite. She is proud. Proud of her heritage, proud of her Holsteins, and proud to represent the dairy industry throughout the state.

Their behavior has not kept her from entering the FFA program. Neither has it narrowed her interests and achievements. The feisty teen has a envious occupation for a high school senior.

She is a disc jockey for Allentown's radio station WPRR.

"I got the job because I was in the right place at right time," she said.

The right place was at her county dairy princess pageant.

While the disc jockey who was covering the event for the radio station interviewed Kristin, she remarked that she wanted to pursue broadcast journalism.

"I told the disc jockey that I had sent out a lot of applications to radio stations, but hadn't heard anything," she said. The disc jockey suggested she call WPRR.

That's the best station in Altoona," Kristin said, "I thought I had a better chance at a smaller station — not at the best station."

Determined to give it a try, Kristin sent in her resume and then called the station manager. The manager offered to give her a tour of station and — a job.

Kristin grabbed the opportunity to try it. After weeks of training to operate the controls, the manager suggested she pretend she was doing a show.

"I froze," Kristin said. "I simply could not think."

For a while she was assigned to the weather report, but she soon got bored and begged for more responsibility.

Kristin was named disc jockey for the overnight shift that runs from midnight to 6 a.m. Now she also does one prime-time show during the week.

"The station works around my dairy princess schedule, and it's a lot of fun," Kristin said.

Her show name is Kristin Fox. "I tried a lot of different names and came up with that one," she said.

Kristin explained that a first name that has two syllables should have a one syllable last name. She tried a lot of different combinations, but found the right one while traveling to a dairy promotion. "The sign said "Fox Road" and the name just clicked," Kristin said.

Kristin said the name change is necessary to protect disc jockeys from weird people who try to track them down.

Kristin has been asked to work as an assistant on a sister station to WPRR. "I'll need to change my name again," she said.

Introducing herself by the right name requires attentiveness. Kristin said, "I imagine that one of these times I will introduce myself to a dairy promotion audience as Kristin Fox."

At her high school, Kristin is in an FFA class dominated by males. She finds them skeptical that females can do as good of job in leadership. Her success in FFA public speaking contests has propelled her into the state winner circle three times. In addition to placing third in ninth grade, she placed second the following two years.

This year, she has applied for the Keystone Degree in FFA.

This year, Kristin was thrilled to attend the national FFA convention where she worked as a delegate in news department.

From her father Jay Metzker, Kristin inherited an enthusiasm for breeding and showing Holsteins. Their efforts culminated in Kristin's intermediate heifer, Cove Valley Wonder's Wish, winning All-Pennsylvania status this year.

From her mother Debbie Metzker, Kristin inherited an enthusiasm for dairy promotion. Since early childhood, Kristin observed her mom's activities as a member of the Blair County Dairy Promotion Board and decided then that she wanted to be a dairy princess.

The Metzker family farm, Cove Valley Holsteins, near Martinsburg, provided Kristin with a firsthand knowledge of what dairy farming is about and of the value of dairy products. Although Kristin's many off-farm activities leave this high school senior little time at home these days, she and her 12-year-old brother Wes have often helped with farm chores.

(Turn to Page B21)

Kristin inherited enthusiasm for dairy promotion from her mother Debbie, who is a member of Blair County Dairy Promotion.

Kristin's pet collies accompany her while she works at her barn chores.

Kristin, her father Jay, brother Wes, and mother Debbie (missing from the picture) operate a 110-acre Cove Valley Farm.

As a disc jockey, Kristin is at work with Scott St. John, program director and operations manager of WPRR radio station in Altoona.

Peppy Teen

(Continued from Page B20)

Cove Valley Holsteins number 85 milking cows with 80 replacement heifers, about 85% of which are registered. The rolling herd average is 19,200M 3.7%F. Herdsman Allen Phillips does the barn chores while Jay Metzker plants 50 acres of corn and 55 acres of hay and assists with custom harvesting.

The cows are fed a total mixed ration and purchased grain. They are housed in a 140-stall free stall barn where they are in three groups — dry cows and bred heifers, milk cows, and yearling and calves. Milking is done with a pipeline system in a 38-tie stall barn twice a day.

Jay feels that he can concentrate more on cow management by cutting down on field work; also, he does not have to maintain a large machinery inventory and buy or rent the high-priced land in the area.

Another phase of the Metzker farm operation is finishing about 120 market hogs a year. Jay started raising hogs when he was in high school and found that enterprise to be profitable.

Kristin intends to sell some of the 17 Holsteins (including a young bull) she owns in the herd to help pay her way through college. She plans to major in broadcast journalism at Elizabethtown College.

On top of her full schedule as Pennsylvania Dairy Princess, Kristin is editor-in-chief of the Central High School newspaper and a member of 4-H and FFA with projects in hogs, lambs, and crops as well as dairy. She enjoys creative writing as a hobby and was a semi-finalist for the prestigious Governor's School in creative writing in her sophomore and junior years.

With her ability for extemporaneous speaking, Kristin has been able to cope with unexpected invitations to address group meetings she attends. She has also developed a talk for children using a homemade board with felt cutouts.

All in all, Kristin's strong background with family dairy farming combined with her communications skills and experience make for an excellent ambassador for the Pennsylvania dairy industry.

Wake-Up For Breakfast

NEW YORK, N.Y. — Breakfast to some people means a big, farmstyle spread of fresh-squeezed orange juice, warm biscuits, eggs, sausage and home fries. To others it means grabbing a danish and coffee for the commute to work. But to approximately one fourth of all adults, breakfast is nothing but a missed meal.

Skipping or skimping on breakfast is a problem intensified by today's hectic lifestyles, where eating on-the-run is commonplace. But according to Peggy Pettingell, director of nutrition education at Dairy Council Inc., breakfast-skippers are missing out on important nutrients.

"After a 10-to 12-hour overnight fast, breakfast helps refuel the body with nutrients and calories," says Pettingell. "Skipping breakfast may lead to a mid-morning snack high in calories and low in nutrients."

Ideally, breakfast should supply one-fourth to one-third of the day's required nutrients. A balance of high-fiber carbohydrates and protein will provide both nutrients and satiety until the next meal or snack.

Try the following quick and easy breakfast ideas:

— Microwave a bowl of quick oats and milk. Top with dried fruit, or sprinkle with brown sugar and cinnamon.

— Broil two pieces of whole wheat bread topped with sliced apple and Swiss cheese. Or, spread ricotta cheese on a bagel or slice of whole grain bread; top with jam or a sprinkling of cinnamon.

— Blend together plain yogurt, fresh fruit, a dash of nutmeg and few drops of vanilla and sweetener.

— Pour a cup of dry cereal into a container and carry it to work with a piece of fruit. Add a carton of milk from the cafeteria or vending machine.

— Bake a batch of whole grain or fruit muffins on weekends and freeze them for the week ahead.

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Scoop On Frozen Desserts

The scoop on Frozen Desserts— As children, we were conditioned to react to the jingle of the ice-cream truck. Our palates became more sophisticated with age, graduation to premium ice cream or gourmet frozen yogurt. But few of us can resist the temptation of something sweet, creamy and cold.

The food industry has responded with such an array of frozen desserts that even the frozen-yogurt stores are everywhere, ensuring that anyone living in an urban area needn't walk more than a few blocks for a frozen fix.

But nutritionally speaking, not all frozen desserts are created equal. You may not care how much fat you're getting if you eat ice cream only on your birthday. But when frozen "treats" become daily foods, the fat and calories—as well as the dollars—start to mount up.

To make sensible choices, keep in mind that, as defined by law, "ice cream" must contain at least 10 to 12 percent butterfat. Grocery-story house brands usually are the least expensive, averaging less than 15 cents per half-cup serving. Many house brands don't have labels indicating caloric and fat content. But you can be sure that if it's called "ice cream" it has at least 135 calories per half-cup serving and about 8 grams of fat. At least half the calories come from fat, and since it's mostly saturated butterfat, it has the potential for raising serum-cholesterol levels.

Cheaper ice creams tend to have more air whipped into them. Although these products usually contain stabilizers and emulsifiers with weird-sounding names like carrageenan and guar gum, these are just vegetable gums added to improve texture. Unlike the butterfat, they're nothing to worry about.

Premium ice creams have fewer stabilizers, but cost about twice as much as regular ice cream. A half-cup may have as many as 290 calories and 18 grams of fat. This translates into over 160 calories just from fat—equivalent to nearly 5 teaspoons of butter! In some regions, "light" premium ice creams are now available. As in most cases, using the word "light" is a gimmick with no legal meaning. One "light" ice cream has 200 calories and 8 grams of fat in a half-cup serving.

Ice milk and frozen yogurt offer reasonable, lower fat alternatives, often for under 25 cents a serving. Both usually contain fewer than 130 calories per half-cup, with between 1 and 6 grams of fat. Generally, the fat content is lower in yogurt, but some nonfat products made from skim milk are too low in fat to fit the legal definition of "ice milk" and must be labeled "frozen desserts." Although these often contain more sugar and stabilizers than their fatty counterparts, they have only about 100 calories a serving. Sherbet is another low-fat alternative, with negligible fat and only about 120 calories per serving.

Because most ice milks and frozen yogurts use their lower fat content as a selling point, manufacturers are obliged to include a nutrition label that lists the calories, fat carbohydrate and protein in one serving, as well as ingredients listed in order of predominance. Read this information closely.

One national brand of frozen yogurt advertises that it has only 90 calories per serving, but the label lists the serving size as only 3 ounces, not the usual 4 ounces. A standard half-cup serving would provide 120 calories—just like its competitior.

In some cases, butterfat may be replaced with coconut oil or hydrogenated fats, which are also believed to raise serum cholesterol. Another product, made from tofu (soybean curd), has no butterfat, but contains 11 grams of corn oil and 200 calories a serving.

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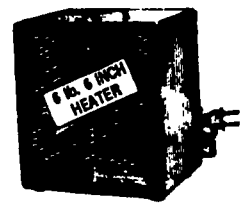

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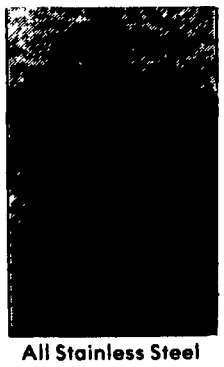
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Chester Co. Recognizes 4-H'er

WEST CHESTER (Chester Co.) — At a recent competition at Penn State, Noel Scheib of Phoenixville has been selected as the leading 4-H member in Pennsylvania in the Dairy National Awards Program. Scheib is the daughter of Clyde and Alda and is a member of the Tri-Community 4-H Club.

In recognition of this accomplishment, Scheib will be attending the five-day National 4-H Congress at the Chicago Hilton and Towers in December as a delegate representing Pennsylvania 4-H. This program, attended by more than 1,500 4-H members from across the country, is filled with recognition events and education tours and programs.

The path to Chicago began more than 10 years ago when Scheib became a 4-H member. This spring, Scheib was selected to represent Chester County in state competition. Following a review of her 4-H record and a personal interview, she was selected to represent Pennsylvania at the National 4-H Congress.

5 GRAIN EQUIPMENT

1 used Scott 600 gal. fat tank w/built in Chromalux heater, 1" pump and motor. 1 used grain spreader, electric, 110v. 1 used 6" 12-hole flatback distributor. (717)656-0140.

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9" U-Trough auger; several 3, 5 and 7½ HP transmissions. Middleburg. 717/837-0724.

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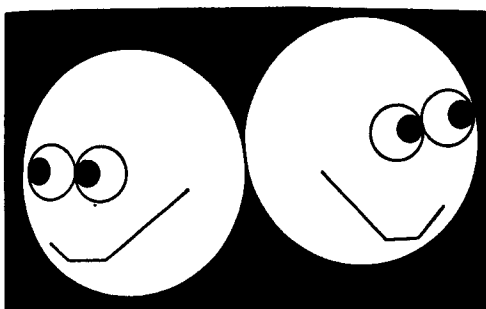

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Livestock Feed Manufacturing Equipment

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Two - Molasses Blenders w/10 HP Motors
One - 9"x36" grain crimper w/25 HP Motor
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or Lititz
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1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders
4- Building and Supplies

The following categories are available in your classified advertising. In Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
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29- Found
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32- Miscellaneous
33- Recreational Vehicles
34- Autos
35- Trucks & Trailers
36- Real Estate

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NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section D with Mailbox Markets.

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Address _____

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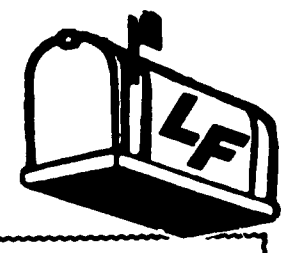
Zip _____ Phone (___) _____

Please publish my____word ad____times starting with the_____issue. Classify under #_____. I enclose_____.

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: $1.50 per ad per week additional.

This newspaper will not be responsible for more than one incorrect insertion of any advertisement.



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13	3.77	7.54	8.97
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15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
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(Phone Numbers Count As One Word)

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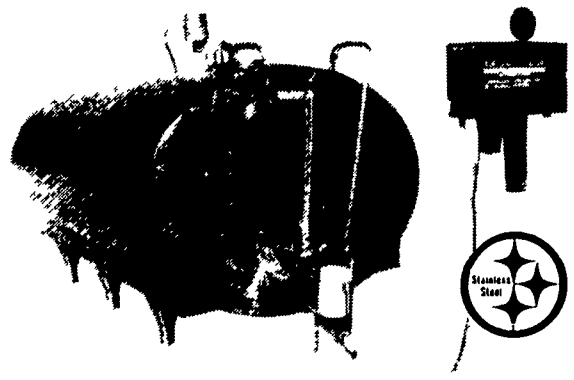

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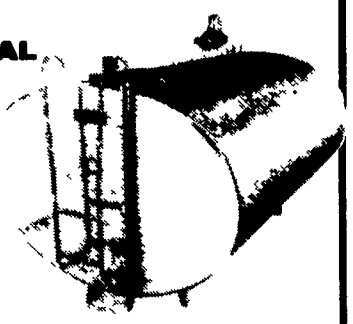

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- 1500 Gal. Surge
- 1500 Gal. Girton
- 1500 Gal. DeLaval
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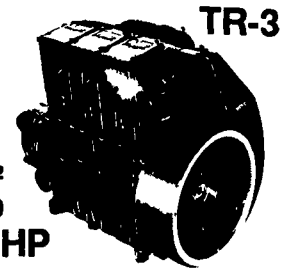

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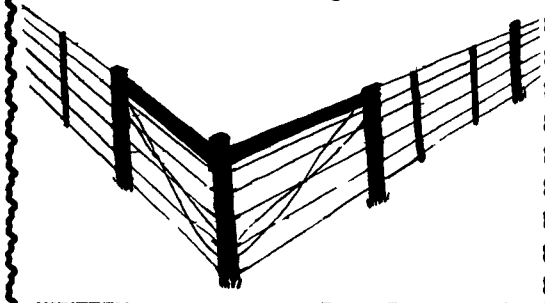

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We OFFER 14 MODELS

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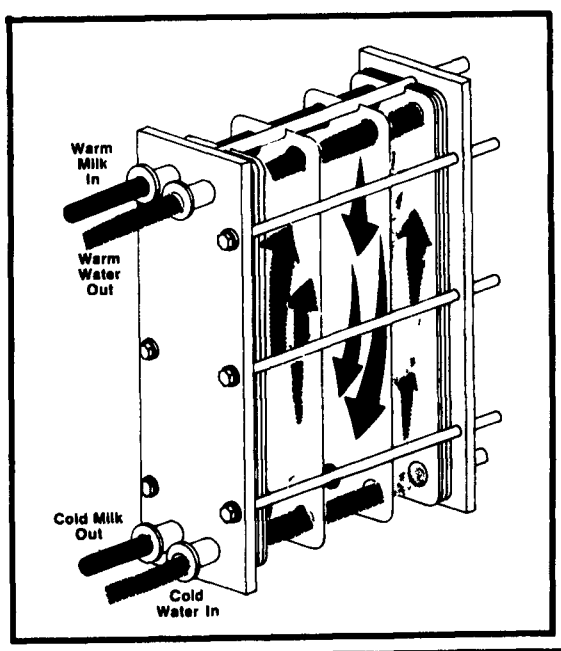

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4½' x 7½'

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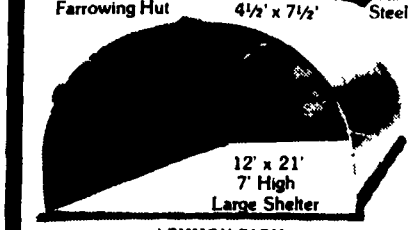

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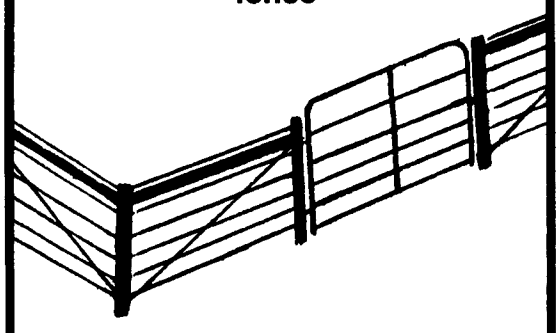

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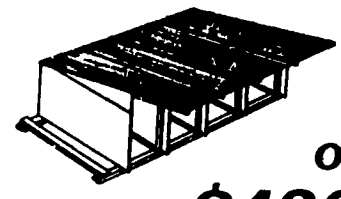

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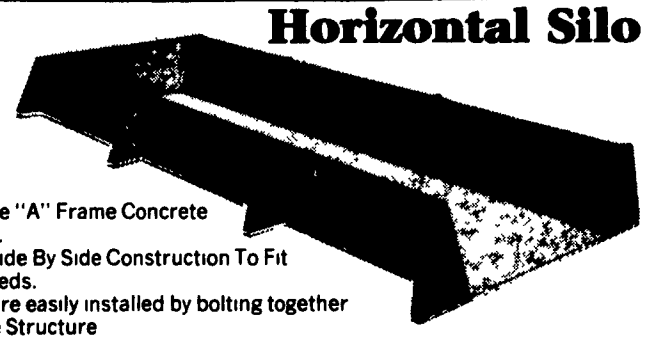

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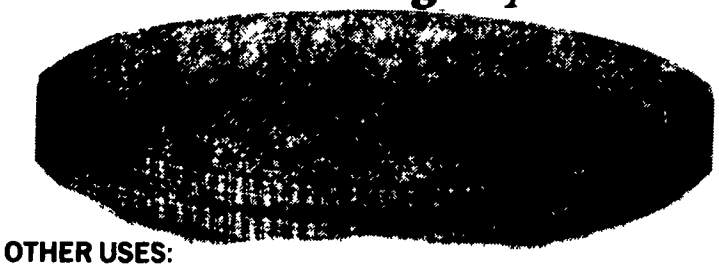

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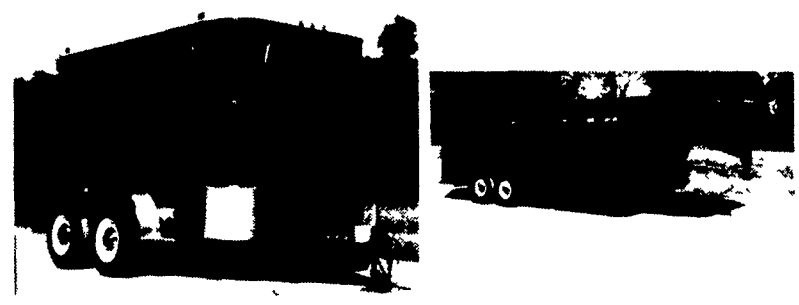

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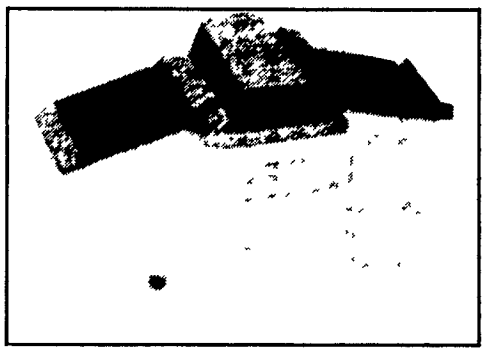

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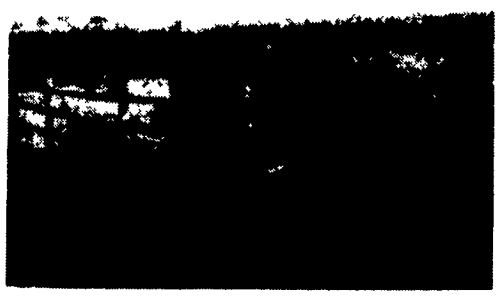

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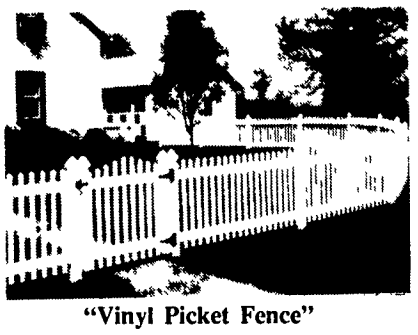

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New and used tack 2 P.M.
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Pennsylvania Draft Horse and Mule Sale

February 14, 1991
Blizzard Date - February 15, 1991
Pennsylvania State Farm Show Building - Corner of Cameron and McClay Sts., Harrisburg, Pa.
Tack - 8:00 A.M.
Horses - 12:00 Noon

Terms - Tack and Draft Horse related items - 15% - with maximum commission $75.00.

Horses - $30.00 to accompany consignment.

If no sale - no refund. 6% commission - Maximum commission $180.00.

$30.00 entry fee to be deducted from commission.

Deadline for catalog - December 1, 1990.

Cataloged Horses to sell first.

Will accept consignment up to 11:00 A.M. February 14, 1991.

Horses will be sold in order of consignment.

Negative Coggins test and health papers within 6 months must accompany each horse, please have foal papers in order.

Note - We have a demand for wagons and equipment, Fore cart will be available for hitching.

Note - Non Catalog consigners - you must give us one week notice so proper number of stalls are available - otherwise you will have to sell off your truck.

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8 Dorsett and Dorsett Cross ewes, also ewe lambs. George Robinson. (717)374-8148, evenings (717)374-4394.

Angora Goats, Bred Does, Kids, Bucks. Prices between $100 to $300. Registered Stock. FISHER'S FARM. 301-876-5889.

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Pygmy goat wether two months old, will make a great pet. Call, leave message. (717)529-6572.

Ram, 5 month old, Finn/Dorset cross, dam twin, sire Quad, grandsire sextuplet. Columbia County. (717)437-3525.

Registered Suffolk Spring Ewe Lamb. Club project, parents on premises. $115 717/859-2953.

Registered Dorset Fall ram lamb, born 9/90. Sire was national champion ram York Co. 717/993-6455.

Replacement Ewe Lambs, Rambouillet X(Finn-Dorset), Registered Dorset. Fall born Dorset Ram lambs. David Eckman. Somerset 814-798-3881.

SHEEP: Purebred Shropshire Ram, yearling Ewes. 215-869-9575.

1 Reg. Romney Ram, 3 well-broke llama, 1 young pr. spotted fallow deer
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11 SWINE

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11 SWINE

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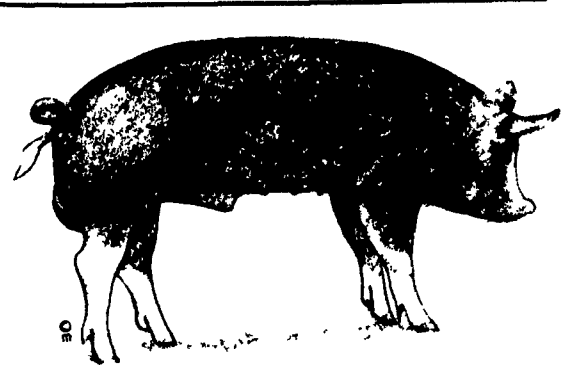

ARNOLD'S 69th HOG SALE

Saturday Afternoon 1:00 P.M.

December 15, 1990

Lebanon Fairgrounds, Lebanon, Pa.

Auctioneer - Harry Bachman - (717) 867-1809 AU-000033-L

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40-60 OPEN GILTS Registered & crossbred.

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70th Hog Sale, February 9, 1991

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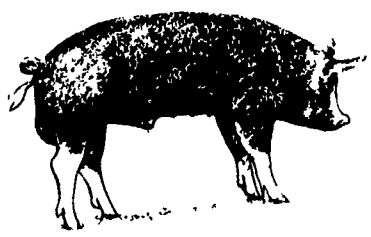
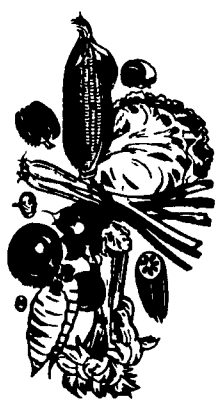


13 HOG EQUIPMENT & SUPPLIES



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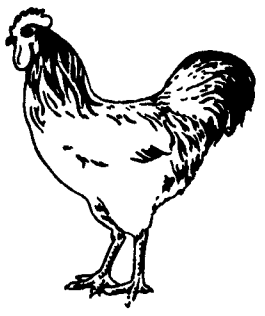

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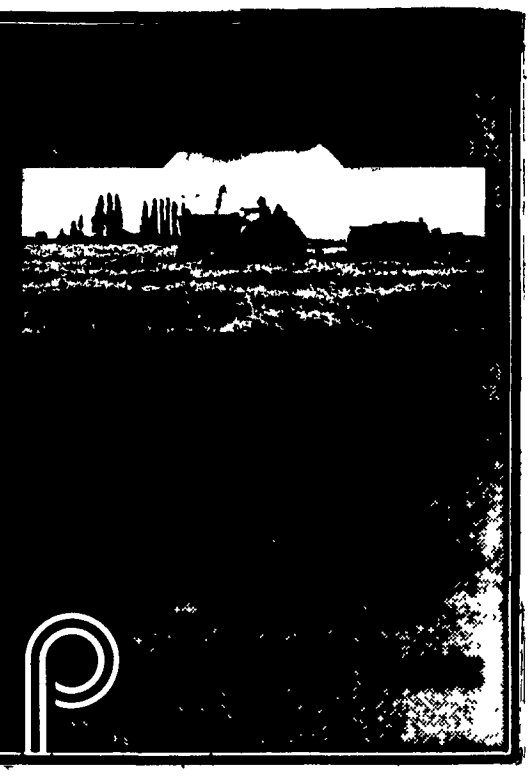

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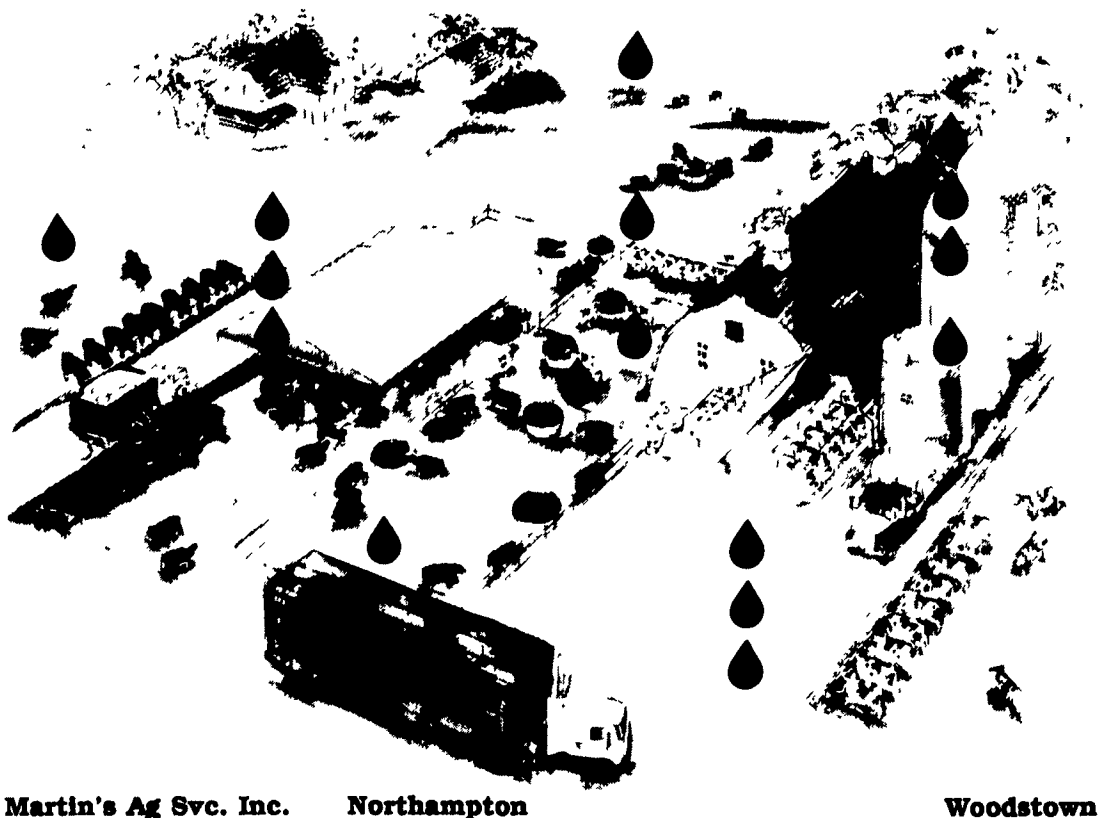

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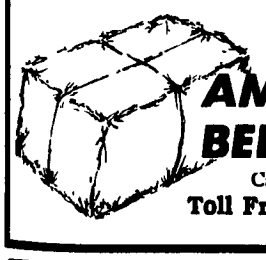

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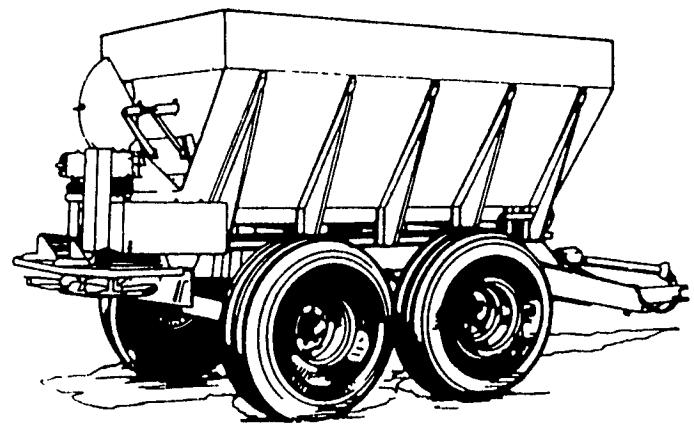

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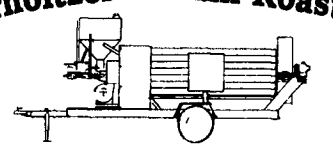

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Stud service for most breeds.
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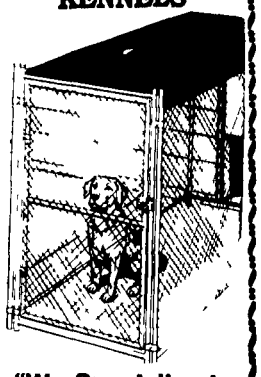

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Picking up pups the entire state of Pennsylvania.
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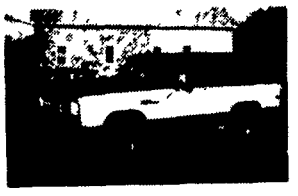

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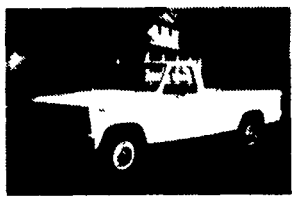

1984 FORD F-250
6 Cyl., 4 Speed, AM-FM Stereo, PS, PB, Very Nice ¾ Ton Truck
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V6, 5 Speed, PS, PB, Air Cond, AM-FM Stereo, Cloth Int A Bargain At
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Turbo 2, 4 Cyl., 5 Speed, Fully Loaded, Including Leather Interior
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2 Eshland E-500 wood gasification boilers, 500,000 BTU rating, hot water systems, very good condition, make offer negotiable, (516)722-4533, (516)722-5743

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34 AUTOS

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86 Chev 350, 11,000 GVW, dual rear axle, 40,000 miles, 8' bed, great shape $7500 OBO 215-367-2726.

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'89 Pontiac Firebird-T/Top, V6, AT, AC, Cruise, tilt, alum./wheels, blue, 9,000/mi., $8,695 Danville, PA 717/437-2212.

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Wrecked '89 Olds Custom Cruiser Station Wagon, AC/cruise/tilt/PW/PL/rear seat/307/V8/44,000 mi./light front damage, $5,295-As Is or $8,995 Repaired. Danville, PA 717/437-2212.

Wrecked '87 Mazda Pickup B2200-SE5, 5-spd., silver, light damage to front and rear, 22,000/mi, $1,995 Danville, PA 717/437-2212.

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FOR SALE: 1986 Polaris 600 Indy. LE, excellent condition, many extras. 717/426-3135.

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1972 INT 1310 w/ Schwartz rollback hyd winch & Ag tow bar $4,500 Erb & Henry Equip Co Inc 215-367-2169

1973 40 ft Ravens aluminum flatbed trailer with sidekit, spread axle, very good condition, $5,400 Perry County 717-582-4156

1973 Int 4200, 13 speed, asking $5,500 (717)529-2855

1974 Int 1700 rollback, 30 GVW, 22' bed with tow bar Good shape $6895. Honey Brook, PA 215-273-2423

1975 C-60 Chevy Truck, 4-53 Detroit, 2-spd, axle, 16' flatbed, 21,000-GVW, excellent condition, low miles $5,500 215/269-1221

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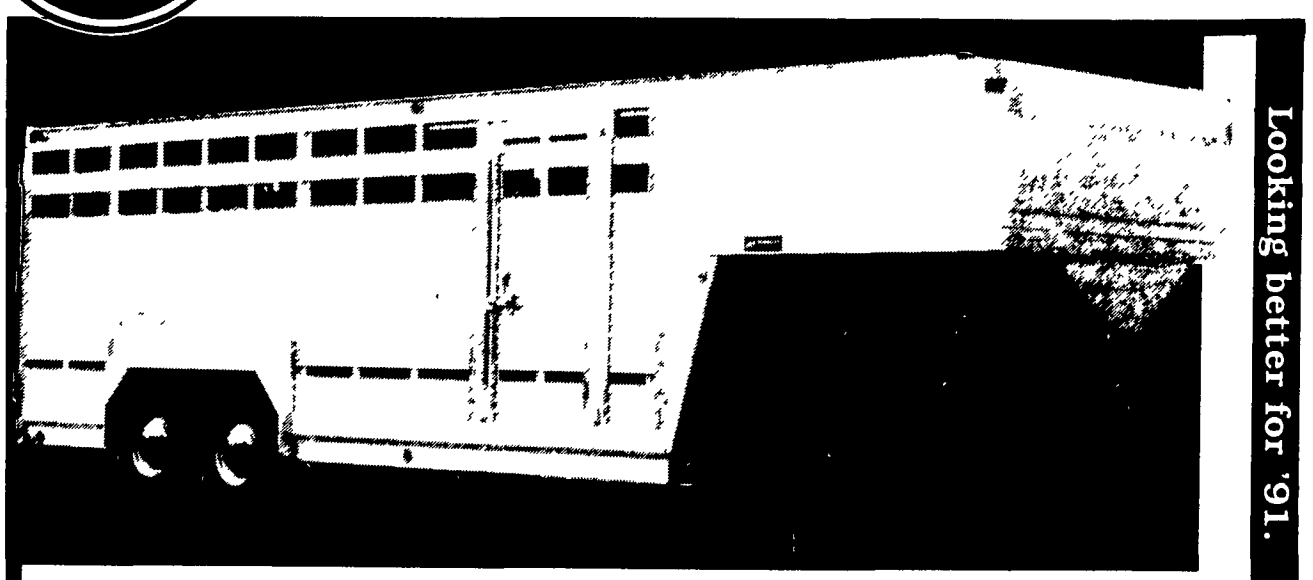

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1985 F-700 Ford Truck, 370 4 bbl, gas, 5 spd , 54,000 miles, like new condition, 26,000 GVW, 18' body w/lift gate, $9,000 717-949-2812 (Dlr)

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84 Monaca stock trailer, 16' bumper hitch, heavy duty, Steve Beil- 717-291-9786

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'87 Chevy Scottsdale, ½ ton, 4x4, 305 FI, auto , PB, PS, AM-FM, rally whls , 6,100 GVW, 30,000 miles, local 1 owner, excellent condition, $9,950 717-733-2873

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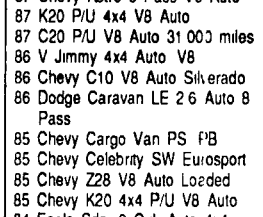

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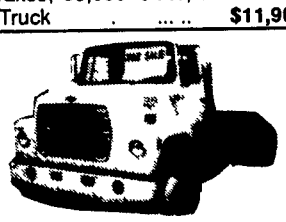
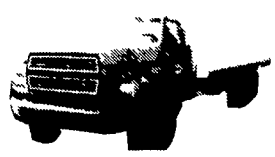
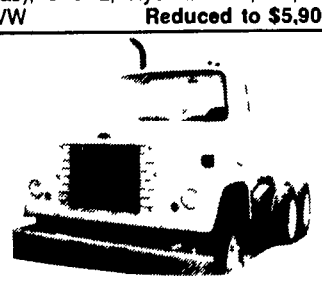




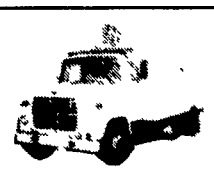
85 Ford - 20' Van 370 4-Valve (Gas), 5 & 2, Hyd Brakes, 28,000 GVW **Reduced to $5,900**

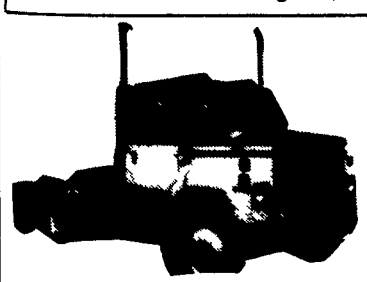
87 Ford L8000 22' C/C 3208 Cat w/5 Spd , Air Brakes, P/S, Extra Clean, Low Miles, 2 Available Reduced **$17,500 Ea.**



84 Ford LN9000 T.A. Tractor NTC 300, 9 Spd , P/S, Hend Walking Beam Susp , Fresh Paint, Nice H D Truck **$21,900**

85 Mack R668ST Mack 300, 5 Spd , P/S, A/C, 208,000 Mi **Selling $24,800**





84 Ford LN7000 17' Reefer 3208 Cat, 5 & 2, Hyd w/Maxi Brakes, 28,000 GVW **Off Season Price $10,900**

84 IHC F2275 - NTC 300, 9 Spd., P/S, A/C, 227,000 Mi , Nicely Equipped .. **Selling $19,500**

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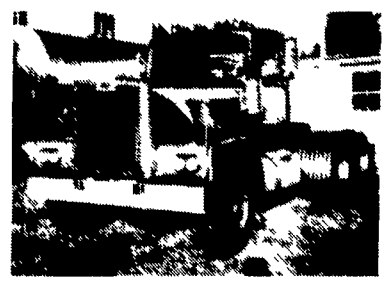
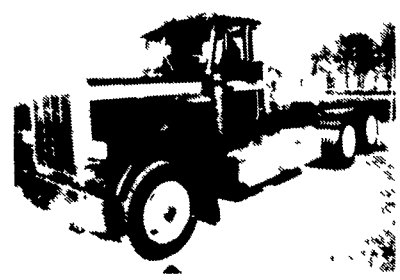
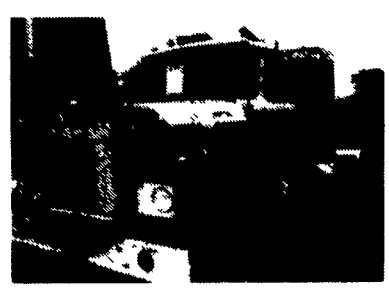


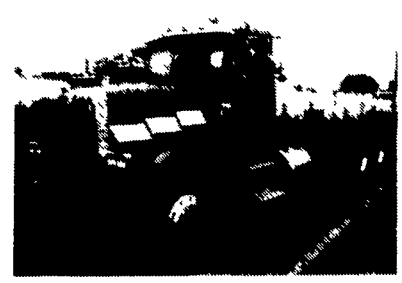
1974 DIAMOND REO, NTC 270 Engine, RTO 9513 Trans., SQHD Rockwell 4.11 Ratio, 4 Spring Suspension, PS, 20" Rubber - Nice Work Truck!



1985 PETERBILT, 359 Model, 8V92 Detroit, 350 Hp, 13 Speed, 3.70 Ratio, Air Ride Suspension, PS, 24.5 Rubber, **180,000 ORIG. MILES!**



1974 MACK, RLS700, 375 Mack Engine, 13 Speed, 34,000 Lb. Mack on Neway Suspension, 230" Wheel Base w/36" Sleeper - Very Clean!



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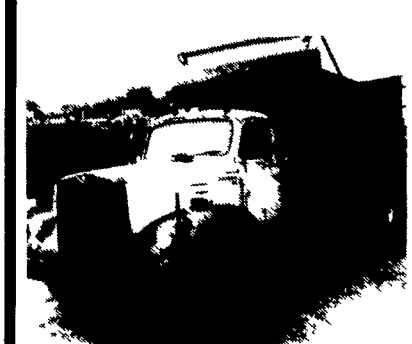
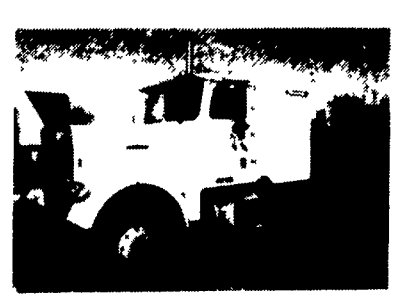


1969 IH 220, V8, 5 Speed, 2 Speed Rear, 20 Ft. Open Dump Body, Tarp Rack Extra.



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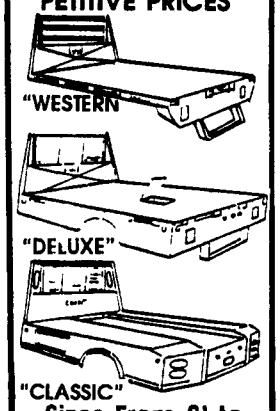

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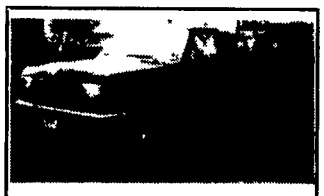

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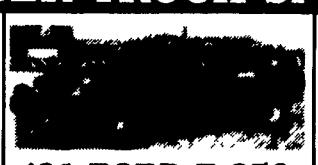
$18,200*



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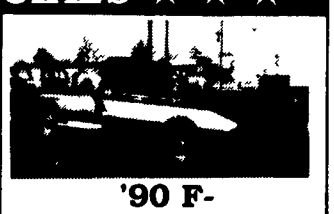

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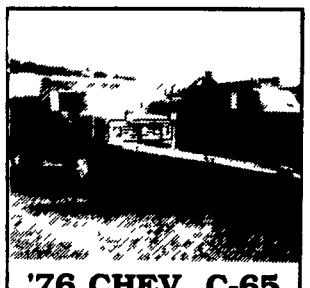
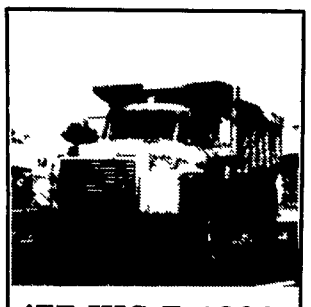


'76 CHEV. C-65
V-8 Gas, 5/2, PS, 10 Ft. Dump w/Plow



'77 IHC F-1800
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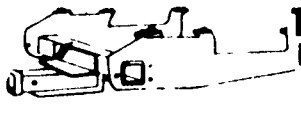

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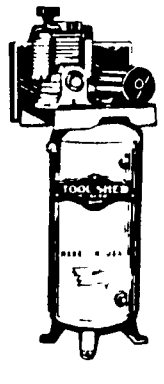

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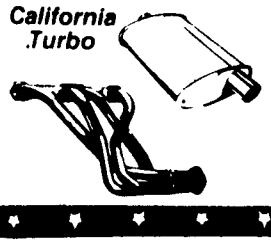

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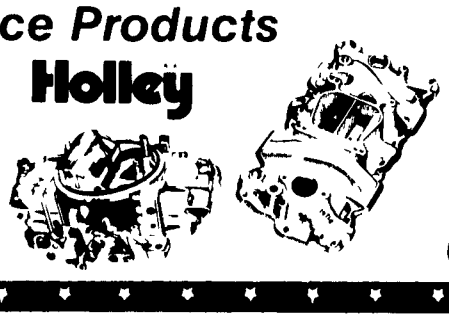

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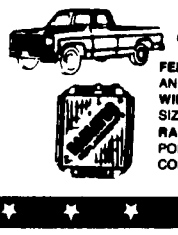

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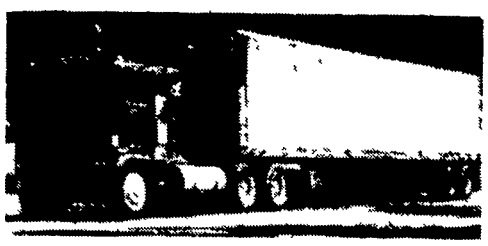

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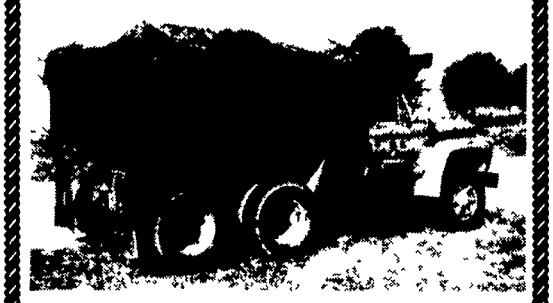

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Gas Henderson Suspension, Maxi Brakes, Good Tires, Trailer Hitch, Tarp, Bows, Grain Door 3,000.00.

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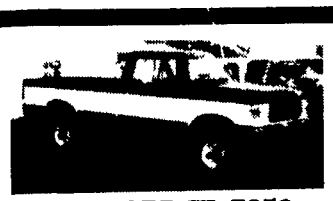
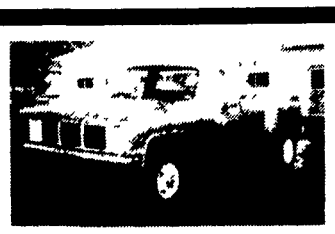


1988 FORD XL F350

4x4, 351 EFI, 5 Speed, PS, PB, AM/FM Cass., Dual Tanks, 9,000 GVW, Blue & White, Ex. Cond.

$11,900



1988 GMC SIERRA 3500

4x4, Dual Wheel, 350 EFI, Auto, PS, PB, Air, 410 Ratio, Lock Out Hubs, 27,000 Mi., Ex. Cond.

$12,995

1989 CHEVY 2500

HD ¾ Ton, 4x4, 350 F.I., Auto, PS, PB, AM-FM Stereo, Limited Slip Rear, 8600 GVW, 9,000 Miles, With Bal. of Factory Warranty

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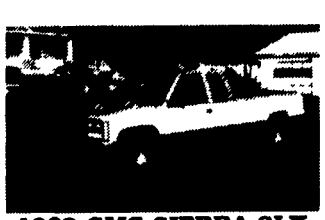

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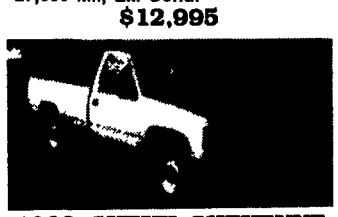
1500 Extended Cab, 305 EFI, Auto, PS, PB, Air, AM-FM Cass. St., 6200 GVW, 23,000 Miles, Blue & White, Ex. Cond.

$11,500



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½ Ton, 4x4, 4.3 Vortex V/6 HD, 4 Speed, PS, PB, Blue, 18,000 Mi., Like New

$9,950

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¾ Ton, 4x4, 350 EFI, 4 Speed, PS, PB, AM-FM, Lock Out Hubs, 8600 GVW.

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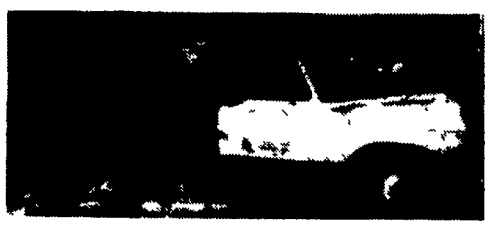

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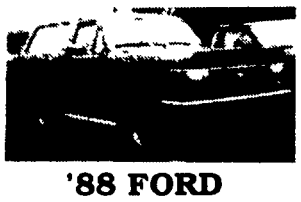

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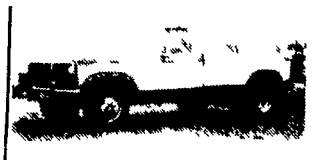

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6 9L Diesel, Auto, #5530

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5 Pass., V6, AT, $5477P

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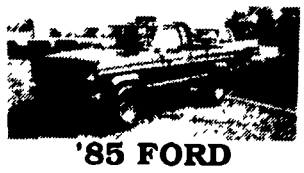

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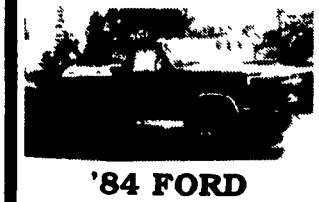

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Low Miles, Very Nice, #5555

Was $6,450

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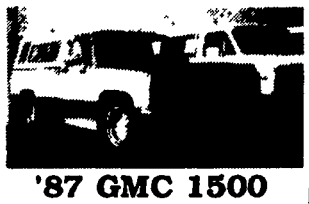

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V8, AT, AC, SLE, Only 18,000 Miles #6019

Was $9,995

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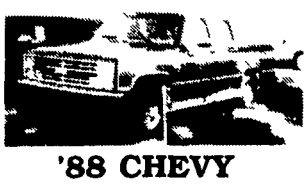

'88 CHEVY SUBURBAN 4x4

V8, AT, AC, Loaded #5553

Was $14,900

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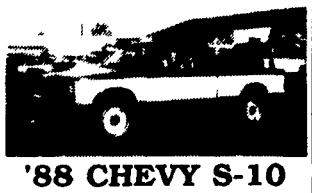
SLE, V8 350, AT, AC #6000

Was $14,990

NOW **$13,300**



'88 CHEVY S-10 EXT. CAB 4x4

4 3L V6, AT, AC, Tahoe, #6009

Was $10,450

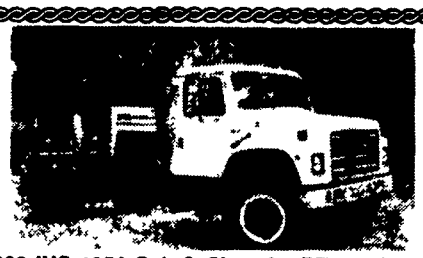
NOW **$9,100**

'89 CHEVY BLAZER

AT,A C, 350, Silverado #6001

Was $16,900

NOW **$15,250**



1983 IHC 1954 Cab & Chassis, DT 466 Diesel Engine, 5 Spd. Trans., 2 Spd. Rear, 35,000 GVW, PS, Radial Tires, Good Cond. Will Take 16 to 18 Ft. Body

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1980 Chevy Service Truck
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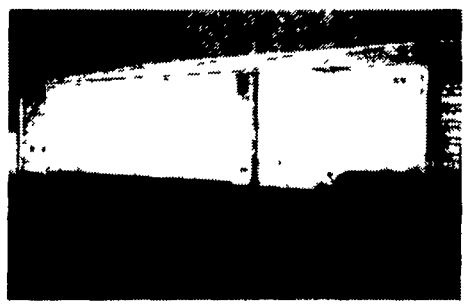

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(1) 42'2"x78" Sides
(1) 45'x78" Sides
Convertible
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Got Grain? Then get the trailer that is Timpte tough...the Super Hopper. It's not only built to take it...it's also built to cut fuel costs. The Super Hopper is lightweight and aerodynamically designed to reduce wing drag. When there's grain to be hauled, Timpte does the haulin' best and pulls a lot easier than the rest.

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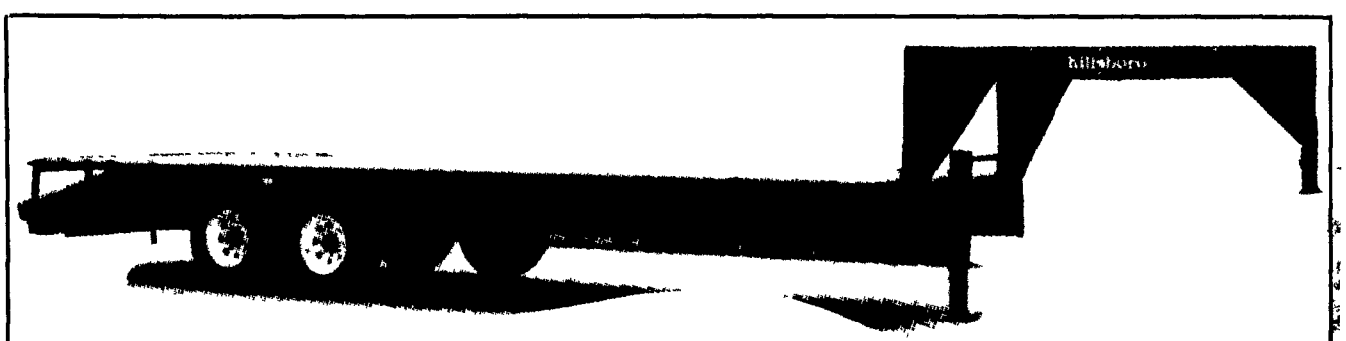
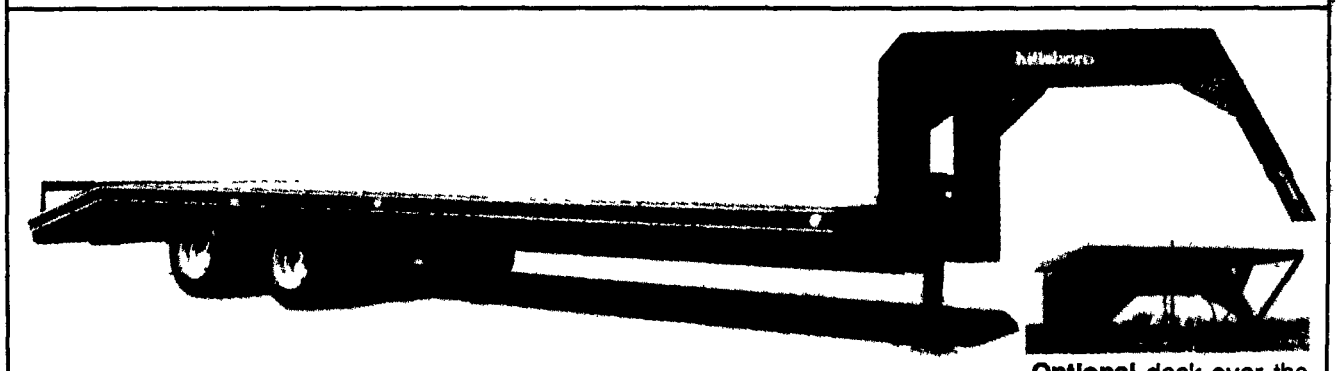
hillsboro
flatbed trailer
with flip-up beaver tail



24 Foot Length Shown **5 - 24 Ft. Models Now In Stock**



28 Foot Length Shown **1 - 28 Ft. & 2 - 32 Ft. Models Now In Stock**

Optional deck over the neck is 7½ 'x8'

The FLIP-UP BEAVERTAIL raises and lowers in seconds -- slide out ramps are stored under the beavertail. The Hillsboro Flatbed features a full 96" deck width which is more value than the competition.

The Hillsboro Flatbed is available in two styles; the 20' and 24' trailer with standard neck, and the 28', 30' and 32' trailer with heavy duty neck.

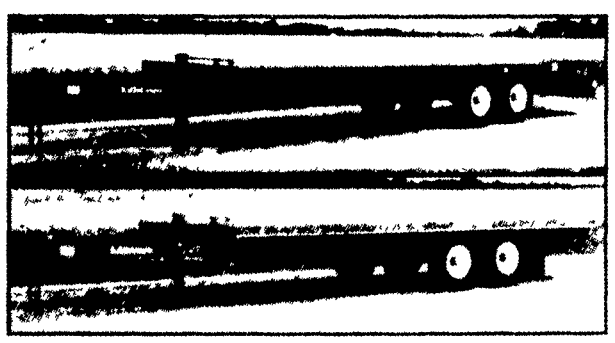
VERSATILE — RUGGED — RELIABLE and REASONABLY PRICED!

The Hillsboro Flatbed Trailer with flip-up beavertail can be the one trailer that means lower cost for you. Here's why!!

VERSATILITY! That's what makes a Hillsboro trailer such a good investment. With the beavertail down it's an excellent trailer for moving wheeled equipment. Flip the beavertail up and it adds an extra four feet of deck space for hauling hay and other bulky loads.

HERE'S WHAT HILLSBORO QUALITY MEANS - All Hillsboro trailers are manufactured in precise jigs and fixtures which assures excellent alignment of axles, a better pulling trailer, a level and square trailer.

HILLSBORO WORKMANSHIP INCLUDES-Exceptional weld quality, material that is chemically cleaned, two coats of high quality paint, material strength engineered into the best flatbed value.



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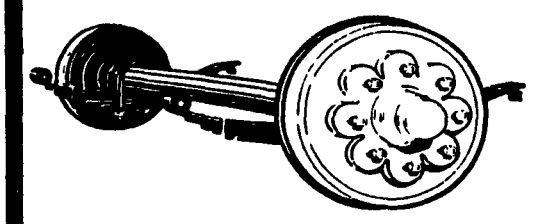

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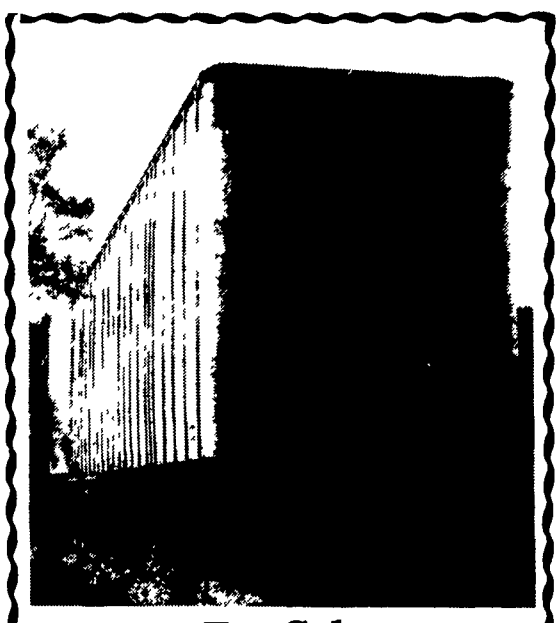

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1978 International S2654
DT466 Diesel (new, out-of-chassis rebuild), 13 speed, 18,000 front, 38,000 rear, AB, PS, 11x20 tires, equipped with new SCOTT 19 ft. silage and grain body with 2000 hoist.
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6 Cyl., Auto. 501 Pkg.
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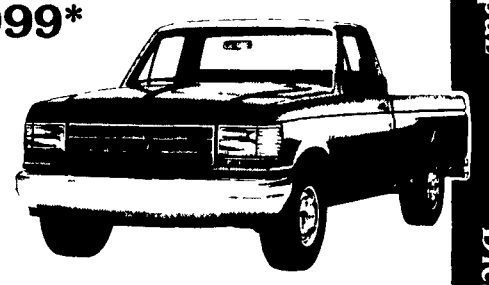

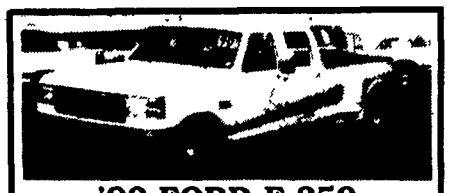

'90 FORD F-350 CREWCAB DUALLY
XLT Lariat, 460 5 Spd., PS, PB, AC, PW, PDL, Tilt, Cruise, AM/FM Cass., Custom Paint, Tonneau Cover, Only 1200 Mi. Was $19,899
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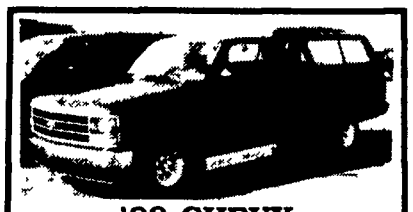

'88 CHEVY C-1500 PICK-UP
350, V8, AT, PS, PB, AM/FM, Stereo, Custom Cap, Wheels, Like New In & Out Was $10,899
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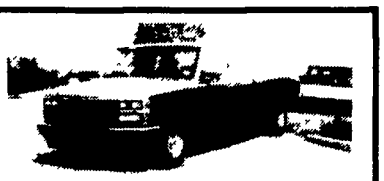
'90 FORD F-350 CREWCAB DUALLY CENTURION CONVERSION
Fully Loaded. Must See! Don't Miss This One!



'89 CHEVY C-1500 SUPERCAB SCOTTSDALE
350 V8, AT, OD, PS, PB, AC, AM/FM, Tilt Cruise
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* Price Includes Applicable Rebates

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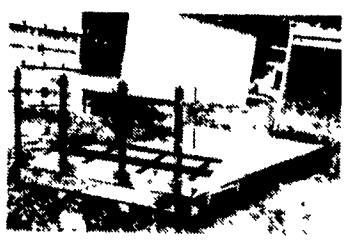

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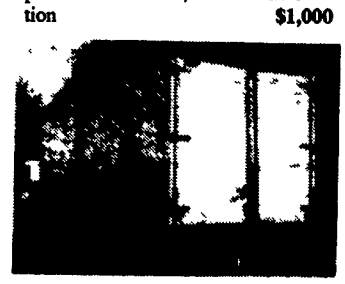
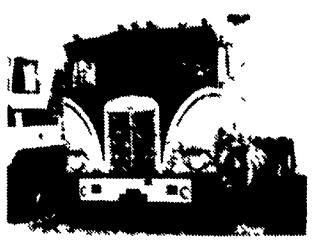
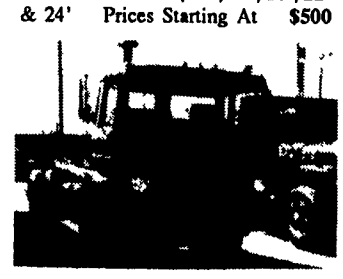


VAN BODIES 14', 16', 18', 20', 22' & 24' Prices Starting At $500

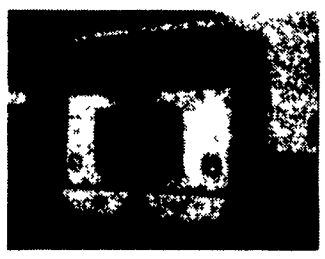


1979 KENWORTH K100 TRACTOR, 6-71T Detroit, RT1110 Trans. 23121 Rear With Air Tag, Budds Radials, Air Assist Steering $6,900

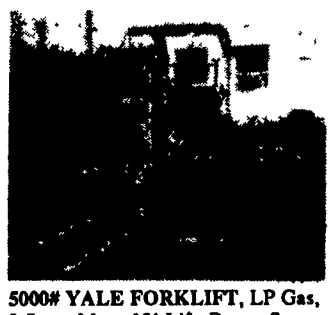
1982 FORD LN9000 SA TT, 6-17 Detroit, 9 Speed, R170 Rear, 11R 24.5 Radials On Budds, New Paint, Clean Low Miles $8,900



1986 MACK MIDLINER MS 250, 100% Air Brakes, PS, Radials, 32,000 GVW, Clean $10,900



1983 WHITE RC2, Single Axle Truck Tractor Sleeper, 300 BC Cummins, RT011610 Trans., 21121 Rear on 11R 22.5 Rubber, Good Inexpensive Unit $7,900



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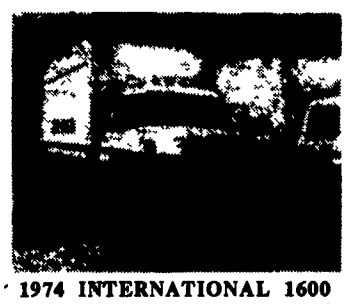

1974 INTERNATIONAL 1600 FREEZER TRUCK 345 Engine, 5 Speed, 2 Speed Rear, PS, Cold Plate Body, Runs Well $2,250

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237 Good Used	$3750
237 Block	$1000
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391 Very Good	$1000

INTERNATIONAL

345 Good Used	$750
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CONTINENTAL

602 Military Rebuilt	$2000
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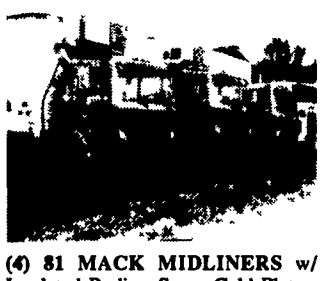
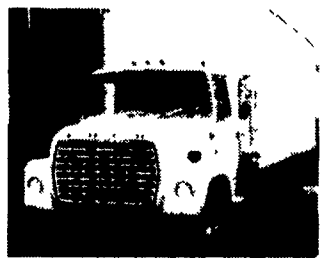
572 Good Used	$1000
Y69 Rebuilt	$550
F162 New Block w/pistons	$375



(4) 81 MACK MIDLINERS w/ Insulated Bodies, Some Cold Plates, Some Thermoking, 175 Renault Engines, 5 Speeds, Good Runners, PS ..... $5,000 ea.



78 FORD LN7000 w/22 Van Body, 3208 Cat Reman, 5 Speed, 2 Speed, PS, 11R 22.5 Tires, 27,500 GVW, Good Unit $5,900

1980 INTERNATIONAL VAN S1854, DT466 Engine, 5 Speed, 2 Speed, 100% Air Brakes, PS, 28,000 GVW, High Roller But Runs Well $5,000

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'88 Ford high top conversion van, V8, auto., loaded, sharp, 59,000 miles	$11,900
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'87 Chevy C10, V8, 4 spd., 41,000 miles	$6,900
'86 Chevy C10 pickup, V6, auto., air, 65,000 miles	$5,900
'86 GMC 1500 pickup, V8, 3 spd., 68,000 miles	$4,900
'86 Chevy S10 Blazer, 4x4, V6, 5 spd., air, 67,000 miles	$6,600
'86 Dodge 150, 4x4, V8, 4 spd., air, 49,000 miles	$6,900
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Nice new trailer, 14x70, Clayton model, 3 bedroom, 2 bath, furniture, wooden deck, storm windows, a/c, $29,950 OBO, 301-253-4805.

NY State, beautiful, profitable dairy farm. 1989 and 1990 yearly income, $210,000+. Asking $650,000. (315)688-4477.

Perry County 274 acre farm currently used as grain farm. 2-story brick farmhouse, barn and other buildings in excellent condition. Private and picturesque setting. Much road frontage. Owner financing. $425,000. Also possible sale of approximately 1/2 of the farm. New Horizons Real Estate, Bellefonte Office, (814)355-8500 or State College office (814)231-8540.

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Southern Somerset County, 100 acre farm, 70 tillabel, level to gently rolling acres, 40x70 barn, 30x60 machine shed, 2 12x30 silos, grainery, milkhouse, 6x54 corn crib, 3 bedroom frame house, short lane for privacy $145,000. 814-926-4303.

WANTED: Dairy farm to rent in Franklin or Cumberland County. Good facilities and good house, a must. Other areas considered. Write G56, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522.

WANTED: Small Dairy Farm, will rent, buy on contract, money down or lease. 30-50 cow barn 25-100 acres. Only in Central Bucks or Southern Lehigh County. Very responsible couple. After 8 p.m. (215)362-5892.

WANTED TO RENT Dairy Farm 60 or more cows in PA or Southern NY Must have house. Interested in buying feed from owner Please call 814-383-4059 after 7 PM.

WILSCHEIER HILLS FARM, Schaefferstown, PA, located just 18 mi. N. of Lancaster, this 58 acre beauty works and plays well The large barn has five horse stalls, as well as loose housing for cattle. 35 acres are tillable and currently being leased, while 12 wooded acres and 11 in pasture make-up the remainder of land The classic farmhouse, tastefull remodeled, is set-off by a huge pond, stocked with trout and bass for fishing fun This picturesque property could be the one you've been searching to find Call Tom Weik today to tour this farm, or for more information. 717/560-4444 or 717/569-2755. THE PRUDENTIAL ROSE & RISSER REAL ESTATE

York County Turkey Farm with brick house, bank barn, sheds and fenced pasture. Could be horse farm or made for mini storage. More farms in Adams County. Century 21 Country Home. Ask for Don Bankert 717/993-5111 or 717/229-2080.

NEW YORK FRUIT FARM

ORLEANS COUNTY: (formerly Gerber's) 544 acres - 430 acres trees, 2 houses, barn, and labor camp. Majority fresh fruit varieties. Would consider selling in pieces For details call David Alexander or Willard Pengelly at

HARRIS WILCOX, INC., REALTORS
716-494-1880

New Listing, Lebanon County Farm - 85 Acres Limestone Soil includes 2½ story stone home, bank barn, 20x50 silo, 50,000 capacity pullet house, 120 sow operation, very good income.

Lebanon County - 36 acre farm, 2½ story stone home, bank barn, 61,000 layer operation.

For More Information Call
Paul E. Martin 717-733-3305
Red Rose Realty 717-656-2281

ADAMS COUNTY

238 AC Modern Dairy - 200 free stalls
140 AC Orchard - Apples, Peaches
94 AC General Farm (with creek)
31 AC 3 Bedroom Rancher wooded and open
21 AC 2½ story remodeled (Nice)
50 AC Stone Home (Built 1813) part orchard
33 AC Stone Home (Built 1865) open and wooded
20 AC House and Barn (orchard)

CENTURY 21
NEIGHBORHOOD REALTY, INC.
1060 York Road
Gettysburg, PA 17325-7509
1-800-627-2824 Ext. 216

PLANNING TO MOVE TO THE FINGERLAKES AREA?? This is AMISH & MENNONITE area now!!

FOR SALE: A 56 acre AMISH goat farm which was previously a DAIRY FARM with 30 Stanchions... Two exceptional Amish houses... Barns are 36'x75 & 23'x27; 46'x22 and 30'x70. Real estate Taxes for total of both houses, outbuildings and land $3,400. One house is brand new with over 1600 sq. ft. living area, full bsm't and a detached horse garage 24'x24'. $180,000.

FOR SALE: Also nearby 160 acres of vacant land with 10 acres of woods. Good soil. $160,000.

FOR SALE: 60 acres of farmland on which is an abandoned house with some good lumber. 15 acres are in woods. This is a nice rural setting. $58,500.

WALTER ODOMIROK REALTY
MAIN ST., BOX 220
OVID, NY 14521
(607) 869-2363

NEW YORK STATE FARMS

Urgently Needed free stall or conventional dairy farms stocked or bare w/good soils and buildings anywhere in NYS. Particularly needed 150-200 freestall. Qualified customers ready to buy

Steuben County, 480 A, 321 tillable, 3 silos, 40 stanchions & 60 free stalls, bulk tank pipeline and milking units, heifer barn and machine shop Good 3 BR home, $450,000.

Montgomery Co. - Canajoharie 201 acres, 165 tillable, 48 stancions, frame barn, 500 gallon tank with pipeline, Butler building, machine shed, shop, pond, springs, good 5 BR home, over 3000' of road frontage, nice litte farm $225,000.

Herkimer County, 380 acres, 150 crop land, 150 pasture & woods, good free stall barn, w/dble 5 Boumatic parlor, 3 Harvestores and 1 concrete silo, lagoon w/liquid spreader, Bobcat, good 3 BR 2 bath Cape Cod home $365,000. Cattle & equipment available, excellent buy.

Otsego Co., 450 acres, 350 tillable, good 140 stanchions 2 row barn, bulk tank pipeline, 2 silos, outbuildings, good 4 BR updated home, plus 3 BR double wide w/garage. 78 acres alfalfa, terrific buy, $375,000. Cattle available

Lewis Co. - Lowville/Martinsburg area 375 acres, 150 tillable, 42 stanchions, 500 gallon bulk tank, stave silo, good 3 or 4 BR 2 bath Cape Cod home Stocked & equipped $250,000 $150,000 bare. Possible financing Will divide 204 acres, 115 tillable, balance wooded, good hunting. $100,000.

Other farms - all sizes available

MCKNIGHT-HOGAN AND NOONAN REALTY, INC.
Ask For Jim Noonan, Broker
716-433-6788
716-434-5088 Eves. & Weekends

65 acres between Millersville & Conestoga. 90% tillable farmland, beautiful building site, 360 degree views, ag zoning. $3,995/acre. Call (717)299-7080

GOOD OPPORTUNITY FOR RIGHT FARMING PERSON/COUPLE

For Rent ½ house, dairy barn with 38 stalls, silos, possible farming acreage available. Optional owner will supply dairy cows. Mt. Joy, Pa. Area.

Write: Box R-22
c/o Lancaster Farming
P.O. Box 609
Ephrata, PA 17522

SHENANDOAH VALLEY

LOG CABIN ON 65 ACRES - Rolling pasture and nice hayfield with stream and springbranch. New log cabin with 2 bedrooms, full bath, kitchen/great room and large porch. Scenic views. Great cattle, horse and/or sheep potential. Possible owner terms. **$139,500.00**

For details on this or other farms & land contact:

James Wm. Moore Real Estate
32 South Main • Lexington, VA • 244450 • 703/463-7080

SCOTTSVILLE, VIRGINIA

A beautiful horse or cattle farm. 266 mostly open and fenced acres. 2 lakes, barns, garage, plus large brick ranch w/full basement. $330,000.

BETTY BOWMAN REAL ESTATE
804/736-8882

CENTRAL KENTUCKY FARM FOR SALE

550 Acres, beautiful location, 5 acre lake, 2 silos, good barns, 208 acres corn base the farm would make a great beef grain or dairy farm. For sale by owner.

Contact Jerry Hoskins
Box 656, Liberty, KY 42539
606-787-7241

THE
REAL ESTATERS OF MANSFIELD

1671 S. Main St., Mansfield, PA 16933
(717) 662-2138
Evening - 662-2363
Fax (717) 662-3611

Land Investment/Subdivision Potential

450 acres within walking distance of Cowanesque Lake fishing, boating & swimming facilities. Just $498 p/acre!! Borders Township Road w/Baldwin Creek thru property. Some approved sewage sites. Appreciating land values due to lake make this a great investment. Owner financing available. M-732

NEW FARM LISTING

Set up for 61 mature holsteins on 2" s.s. pipeline, 1,000 gallon tank and 5 Surge units included! 18x55 stave, 20x28 high moisture and 20x70 Agristore silos w/ unloaders. 132 acres included w/rental land available. 2 story frame, 5 bdrm, 2 bath home remodeled down. Recently priced at $163,500. Reduced to $153,500 w/immediate or Spring possession! 18,000 pound herd also available. M-787.

HUNTING SEASON SPECIALS

3 attractive wooded tracts of land in Covington Twp. w/access thru State Forest.

M-706	10.32 ac.	$ 9,500
M-761	10.62 ac.	$10,200
M-789	10 ac.	$10,500

104 Acre Farm, Huntingdon, PA, Spacious brick rancher with two car attached garage. Two story barn, milkhouse, six bay building for farm vehicles and storage, pigpen or kennel, one room brick schoolhouse. $199,900. Call Margie McCloskey for data sheet. COLDWELL BANKER 814/946-4343.

108 acres in Ritchie County, WVA, 8 room house, free natural gas, good water, creek and springs, barn and outbuildings, 2 year old 32x48 insultated steel shop, 70 acres pasture, 24 tillable, 14 wooded, fruit orchard and excellent hunting. Very secluded, $78,000. (304)349-5125.

140A Dairy Farm, 85A tillable, 35 tiestalls, 2 wooden silos. Lycoming Co. David Esh, RD1 Box 216A, Trout Run, PA 17771.

2 story home with barn, garage workshop and boxstall. Call (717)354-9917 for more information Near Blue Ball in Lancaster County.

30'x75' glass greenhouse, must be dismantled; 960,000 BTU steam or hot water Vanwert furnace. Best offer takes both. Call 717-743-7549 after 6PM.

34 acres in WVA, Gilmer County. Mostly wooded, great hunting area, secluded, $7,500. (304)349-5125.

HOME MORTGAGE LOANS
Credit Income Problems? Bankruptcy? We Can Help!
No Application Fee
CENTURY MORTGAGE CORP
1-800-458-9396
9 am to 9 pm

CABIN FOR RENT

Mountain Cabin McClure, Pa., Mifflin County on 315 acres, utilities. Great for families, hikers, turkey, bear & deer hunters $150/Weekly

717-658-9555

66 acres, Western Berks County, PA. House, barn, sheds, silo, pond. Price greatly reduced. PIELLER REALTY. (215)693-5624.

705 Acres-$129,000 Terms. Renovo, Clinton Co., excellent hunting and fishing, views of Susquehanna River, surveyed. 814/944-8822

892 Acres-$325,000 Terms. Julian, Centre Co., excellent hunting, surveyed. 814/944-8822.

9+ ACRES of Heavely Wooded Mountain Land with deeded access to 100+ Acre Stocked Sportsmans LAKE. Allegany Co. NY -only minutes from POTTER CO., PA. Great HUNTING area. Full price ONLY $4900. -$500 down -$54.25 per mo -12.5% Int. 180 mos. Owner Financing. Alma Pond F.P. 717-784-9022.

Bedford County, 108 acre farm, 49 tillable, 10 pasture, 3 bedroom farmhouse, bank barn, other outbuildings, borders Dunnings Creek, lots of privacy and wild game, $130,000. (814)623-8683.

Centre County, 41 attractive wooded acres, private but not secluded, excellent hunting, between Tylersville and Rebersburg Owner financing w/low down payment, $32,800. New Horizons Real Estate, Bellefonte Office, (814)355-8500; State College Office (814)231-8540.

CLINTON COUNTY: Adjacent Bald Eagle State Forest. Hard road frontage, easy access from 3mi I-80, 24.38 acres, sub-divided 6 parcials, perk approved w/ electric. Generally flat, open fields, orchards and woods. Excellent deer, bear and turkey area. $50,000/Terms. BIG WOODS LAND CO. 717-769-6445.

FARMETTE: Stone farm house in the Denver area, 10 acres, plus barn, great place for horses. $259,000. NORTH OF LITITIZ: Horseman's paradise, 2 acres next to State Game Land, plenty of riding trails. Log home consisting of 3BR, in the right setting. $165,000. Call KINGSWAY REALTY, (717)569-8701.

Thinking of marketing your farm?
You need to call on the experience of Harry Zimmerman for professional confidential service
TOWN & COUNTRY REALTY
717-299-4885 Office
717-355-2048 Home
717-575-2542 Car Phone

Hunting & Year-Round Recreation

Near Williamsport, Pa.

- **Farmhouse on 20 acres, pond. $85,000**
- **Rustic cabin on 76 acres $85,000**
- **Country home on 109 acres $152,000**
- **Wooded & tillable land - up to 197 acres. Smaller parcels too**

Strout Realty
(717) 546-8753
(717) 584-4641 eve.

Farmette South of the Lancaster, PA. 18 acres. 717/786-8744.

Farm for Rent: Somerset County, 238 acres, large barn, outbuildings, 3 silos, nice five bedroom house, needs silo unloaders and milkers, $800 month. References desired. Michael Weisner, 302 Broadway, Milton, PA 17847.

Finger Lakes Area NYS corn and Alfalfa Farm, 189 acres, 141 tillable, beautiful panoramic view overlooking lake. Owners. 315-497-0923.

FOR LEASE: Dairy stable, large comfort stalls, tank, Patz cleaner, 2BR, ½ farm, house, apt., lawn, garden. Available 12/1/90 (215)593-6390

FOR SALE: 145 acre Dairy farm, 80 tillable, 50 cow barn, pipeline, 18x60 silo. Juniata Co. $215,000 NO REALTORS 717-694-3176.

FOR SALE: 480 Acres, 321 tillable, presently 100 cow capacity, free stall stantion barn operating Dairy Farm in (Steuben County) Bath, New York. Call 607-776-9380.

FOURNIER REAL ESTATE
St. Lawrence Valley. All Types Real Estate. Dairy, land, hobby farms and waterfront. Bradley Love, Salesperson RR2, Box 274, Gouverneur, NY 13642. 315-287-2234

For Sale: Berks Co. Farm, 60 acres, Big Dutchman 35,000 cap. layer house, horse barns, farm house, mobile home 215/562-7776.

For Sale by Owner, approx. 87 acres, prime farmland, will consider selling adjoining farm, located in Center County. Call 814/422-8360.

Gentlemen's Farm Large restored stone and frame house, 4BR, 2½ Baths, 3 fireplaces, landscaped, pavillion w/fireplace, barn, fenced, 7+- acres w/pond and spring. $184,900 Franklin County, PA. Call Cheryl COLDWELL BANKER FELDMAN 717-267-2000.

Hog and broiler operation on 17 acres selling at public auction, Saturday, December 1st. Martindale, Reamstown area. Lancaster County. Capacity 50 sows, 20,000 broilers. Open house November 17th and 24th, 1-3 PM. Martin and Ella Fox. 215-267-2783.

LYCOMING COUNTY: Adjacent State Game Land and PA Fish Commission. 65 acres w/50 unit travel trailer park, overlooking 365 acre lake. Excellent fishing, hiking, hunting area. 12mi North of Williamsport PA. Excellent opportunity for semi—retired and ambitious couple who wishes investment opportunity w/recreation $175,000/Terms BIG WOODS LAND CO 717-769-6445

New Mobile Home, 14x70, front kitchen w/bay windows, 2 br., shingle roof, deck & shed included Ephrata area $29,900 717/733-9390

N.E. OF MYERSTOWN-BERKS COUNTY...

MARION & TULPEHOCKEN TWPS., 104 acres - 90 tillable Very private setting. Buildings are set off road. 2 story brick dwelling with new kitchen. Property has a pond, kidney-shaped pool & some new buildings. Presently being used for beef operation.

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Wanted To Purchase:
Dairy farms any size, anywhere,
Call Keith
(717) 252-2385

SALE BY OWNER
300+ ACRE FARM
Located 9 miles south of Tamaqua, PA. Secluded with a scenic view 4 BR home, with a spring and stream $1700 per acre.
717-386-4563
717-386-2151

JUNIATA LAND SALE
- 2 Choice Building Lots, Public Water and Sewer Within Minutes Of SKI SNOW PEAK,
- 82 Secluded Acres, Near UNDER AGREEMENT

We act as land locators
Contact: Charlie Brooks
DENNIS E. BECK REAL ESTATE
Office: 717-627-2325 Home: 717-436-8431 (Anytime)

APPOMATTOX, VA FARM -
Owner wishes to sell immediately; 60.4 acres; pasture and 15 ac. woodland; 3 streams, natural pond site. Remodeled 2-story home, 4 big BR, 2 full baths. Pegged plank flrs., fireplace, HW heat system. $135,500. Call owner
(804) 525-5599

TURN-KEY FARM
343 Acres, 3 houses, 3 barns, 3 silos, pond, stream, much more
Must be seen.
Call Ken Herman, Assoc. Broker
607/334-5974
or Isabel Batterman, Sales Person
607/843-2641
Jim Antinore Realty

IOWA FARMS
Livestock and Grain Farm - Top quality cropland with livestock facilities and headquarters house. Central Iowa 437A. $1,500/A.
Crop Farm - Top quality 175 A. Grundy County, Iowa. $2,200/A.
Farmland Newsletter - Farm property newsletter with more than 100 farms for sale. Member Iowa Farm Multiple.
Hertz Farm Management, Inc.
P.O. Box 500
Nevada, Iowa 50201
515-382-6596 or 1-800-593-5263

BERKS COUNTY DAIRY FARMS
- Lake Ontelaunee: 143 acres with 2 brick homes, barn, and other outbuildings, secluded homesite, great for horses, $450,000.
- Route 419: 153 acres with beautiful stone home, barn, pond, and other outbuildings, subdivision possibilities, call for details.

EAST PENN REALTY, INC.
(215) 944-6300

HUNTER'S SPECIAL IN KENT CO., MD.
313 Ac. - 250 Tillable. 20 Ac of Ponds-New Cape Cod home/garage. 2.5 mi. road frontage. Top quality soils. Great location. Price ~~$995,000~~ REDUCED As Of 11-1-90.
Call: Ed Fry
Cooper-Barroll Realty, Inc.
Day: 301-778-2372
Evening 301-778-1539
P.S.: More Farms Available - Just Call!

TIOGA COUNTY
114 Acres, excellent hunting, home, trailer for rental income, barn, 2 streams and more.
Call
WILKINSON DUNN CO.
717/724-3232

YATES COUNTY, N.Y. STATE (Penn Yan Area) - Several Farms and Farmettes - Call for more information. 1) Barrington Township, 80 acres, $80,000. 2) Starkey Township, 50 acres, Ranch home, $165,000. 3) Benton Township, 2 Acre Farmette, $79,800. 4) Jerusalem Township, 49 Acre Horse Farm, $145,000.
CENTURY 21 FOUR SEASONS REAL ESTATE
229 Lake Street
Penn Yan, New York 14527
(315) 536-7456

92-ACRE OPERATING DAIRY FARM
In Indiana County, PA
25 tie-stall barn, plus pole barn, grain & calf barn, block & Equip. bldg., corn crib, silos, Surge bucket milkers, automatic feeding system, plus much more. Plenty of surrounding rental ground 1½ story house; 6 rms., bath, full basement.
★ Lock - Stock & Barrel
Price Available ★
House, Building & Land only $119,000
Good News Realty (412) 463-9000

LOOKING FOR FARMLAND? CALL US!
A 198-acre dairy farm for sale at $465,000. This farm features loose housing for a 125-head milking herd, 3 Harvestore silos and 1 concrete stave silo, electronic scales, computer concentrate feeder, double 5 Herringbone milking system, and outbuildings.
We also have the following properties:
113-ACRE dairy farm — $128,500. 93 tillable, 2 silos, excellent cropping potential, 3-bedroom house
180 ACRES — $175,000. General farm, 120 acres tillable, 3-bedroom house.
170 ACRES — $300,000. This farm has coal, gas, and clay for fire brick. Great investment potential
190 ACRES — $325,000. House listed in Historic Register
concept 100
Mark Hess at Concept 100 Real Estate
717-569-5500 or 717-291-9600

FOR SALE
107 Acre Farm
Lancaster County
100+ Steers
100+ Hogs
Pond Good Buildings
5 BR Home
Call
Dave Skidmore
717-393-0646
Hogan & Assoc.

FARMS CUMBERLAND COUNTY
Hog and Beef Farm 1200 head hog growing operation with contractor, bank barn w/additions, 16x70 silo unloader, conveyors, 80' feeder, 78 Ac. limestone soil. 4 bdr. dwelling. Call Charles or Wib.
Dairy or Possible Development 61 acre limestone soil, no milking equipment, 16x60 silo w/unloader, 4 bdr. brick dwelling. Call for more details.
Charles Wenger, GRI, 263-0945
Wilbert Diehl 776-7707
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

Central Pennsylvania
Scenic 144 acre hilltop farm with site for 3000 foot Airstrip. Farm has 90 acres openland and 54 acres woodland. Fine old 5 bedroom farmhouse and Pennsylvania Dutch Bank Barn. Secluded setting but has 4000 feet road frontage on two paved township roads. Has electricity, telephone, cable TV on road frontage. Located in historic, aviation minded, Lycoming Valley, Clinton County. One mile east of Woolrich, six miles east of Lock Haven, twenty miles west of Williamsport, 35 miles northeast of State College. Two miles from famous Pine Creek Fishing and West Branch of Susquehanna River. Farm adjoins State Forestland. Sportsman's and Flyer's Paradise surrounded by Allegheny Mountains and 100's of square miles of uncontrolled airspace. $295,000.
717-921-2476
John Tallman, owner

HEYWORTH REALTY
1300B Dual Hwy, Hagerstown, Maryland 32 Acs w/2 story brk, 12 rm, 2 bath home. Lg. frame barn, attached horse barn; pond & stream. Only mins. from Hagerstown.
443 Ac. Estate w/3 houses, mobile home, lg barn, mach shed & workshop. Also hunting cabin. Spring & pond. West of Hagerstown.
144 Ac. Dairy Farm Milking parlor, free stal barn, mach shed, 2 silos; 2 story brk/stone home. Dbl. rd. frontage. Zoned Residential & Industrial. Public sewer. Nr. I-81 & Rt. 11. Great Development Potential in rapid growing area.
103 Ac. Dairy Farm Milking parlor, 70 cow free stall barn, mach shed, 2 silos & stream. 2 story brk. home. Nr Waynesboro, Pa.
98 Ac. Genl. Farm Brk Cape Cod home. Barn, mach shed/stream. Ideal for beef, veal, hog operation.
Call for details:
Lawrence Stouffer
Day: 301-733-3701 Eve: 717-597-2584

Call or write for our listing, or see our local listing in Lancaster Farming's
November 17th Issue
Longacre
Paul M. Longacre Real Estate
Rt. 100 Hereford, PA 18056
215-679-5919

EASTERN SHORE OF MD
Not often do we find 3 farms in excellent locations with some of the highest quality land available in this area. Each of these farms are mostly Mattapeake soil, the preferred soil for all crops, nursery, and sod and it percs well. Invest in quality and location today and it will reward you now and in the future!
Call for details and brochures.
* 229 acres $900,000 Former Dairy
* 60 acres $289,500 presently in sod
* 284 acres $1,200,000 60A nursery stock + grain setup
KENT CREEK REAL ESTATE
Galena, MD 301-648-5656

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11 ACRE FARMETTE
20 mi. N. of Williamsport. Includes 5 bdr., 2 story house and barn and heated workshop. Excellent for horses or beef. Also available farm ground to lease. Fabulous view. All for $85,000. Call
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717/724-3232
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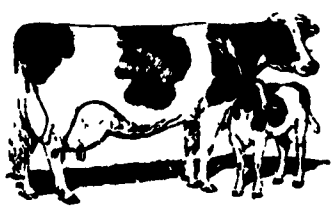
717/324-6141

FARM FOR SALE



ROOM FOR HORSES
"COUNTRY LIFE" on the North Side of the Blue Mountains Lebanon County. Almost 5 Acres
$85,900
Lovely country setting, GREAT for horse lovers Well maintained country home w/3 bdrms., LR, DR, Kitchen, Family Rm & bath. New roof, new oil H/W furnace & new 20'x20' horse barn w/2 box stalls For appt Call
Debra J. Carroll at 274-8354
SUBURBAN REALTY
FARM DIVISION
30 W. Main St.
Annville, PA 17003
717-867-4487
WRITE OR CALL FOR BROCHURE OR FARMS & LAND.

DAIRY FARM
188 Acres w/135 tillable, highly productive limestone/loam soil. Dairy barn only 7 yrs. old, 110 stanchions/mats, pipeline milker, 2000 gal. tank. Box stalls and heifer barn and bunk feeder, 3 silos with unloaders, brick farm house, modern kitchen and baths. An excellent family farm operation. Northumberland Co. $580,000.
TOWN AND COUNTRY REALTY
250 N. Duke St.
Lancaster, PA
Ask for Paul Reitz
717/393-5975
717/299-4885

19.5 ACRE FARM COMMERCIAL
Great investment potential. Early 1800's federal style, brick home with 4300 sq. ft on 3 floors - good original condition. 52'x56' barn with 2 wooden silos - good original condition. All on 19.5 level acres. Zoned Highway Commercial, 1600' frontage on busy intersection. Ideal for antique business, auction barn, nursery sales, or just a nice farm home to live in and let the commercial value grow. Eastern Lycoming County.
717-546-3498

NORTH CENTRAL PA
Real estate restaurant and catering business plus equipment located in Wellsboro. A going enterprise for the young tiger. Call for details or dream on at $82,000 Just Reduced #1101.
TIOGA COUNTY
Farmette on hard top road frontage, 2.54 acres, with barn, excellent for raising horses or beef, 5 bedroom house with bath, LR., DR., kitchen, utility room, family room, only 6 miles from Wellsboro. Asking $58,500 #1105.
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9 Cone Street
Wellsboro, PA 16901
717-724-3500

FANTASTIC BUYS

#923 - Located on well traveled road, buildings and land all on one side of road. 250 acre farm, great place for merchandising cattle or other things. Beautiful 90 cow barn, big tie stalls, 2" pipeline, 1000 gal. tank, 4 silos, very large country home, lg. rooms, hdwood floors, could be used as two family. This is a very good farm with good buildings. House alone worth $100,000. Price reduce to absolute minimum. $218,000.

#1045 - Another great buy - 220 acres, edge of village farm, end of road setting with city water, walk to school and shopping. Land is mostly flat, well drained and secluded. Don't have to worry about neighbors, 4 acre lake-fishing & hunting. Two story 50 cow barn, pipeline 625 gal. tank, 3 silos, heifer barn, good 3 bdrm. home, could easily be larger. Best of all - OWNER FINANCING. Asking $200,000. $40,000 down 20 year mortgage, 10% interest.

POSSON REALTY
R.D. #3 Norwich, N.Y. 13815
(607) 334-9727

BEDFORD COUNTY

201-8 Dairy Farm - 253 Ac. 153 Ac. tillable. Double 8 parlor, 3 barns, 4 silos. High state of cultivation, owner retiring. $695,000

202-8 Heifer & Calf Farm 165 Ac. 108Ac tillable, Bank Barn, Bunk Silo, Implement Bldg. High state of Cultivation, could be converted to Dairy $326,000

203-8 Gentlemans Farm 168 Ac. 90Ac tillable, Bank Barn, Silo, Insulated Calf Barn, Ideal for Beef, Horses and Recreation $245,000

198-8 Dairy Farm 100Ac 90Ac tillable, 2 Barns, Bunk Silo, All Equipment and Dairy Herd $390,000

197-8 Gentlemans Farm 144Ac Large Bank Barn, Elegant Colonial Farm House, Perfect for Beef or Horses Exc Highway Access $375,000.

166-8 Residential Farm 68Ac Small Barn, Ranch House, Stream, 2 Ponds, Partially Wooded Secluded $89,400

161-8 Former Motel near Bedford Turnpike Interchange 35 Rms , Enclosed Entrance, Suitable for Retirement or Nursing Home $299,000

Blair County

196-2 Residential Farm 42 Ac Two Story Colonial Home, Bank Barn, Silo. Pond Located near a fast developing area Exc investment $325,000

112-6 578 Level wooded acres in the heart of Blair Co Developent or Retreat a very rare find $346,000

Fulton County

146-8 Fulton Co. Hunting Camp 2Bd. Mobile Home, 5 49Ac Borders Buchanan State Forest, Trout Stream $35,000.

NU CONCEPT REALTY, INC.
814-943-2121

Call Paul Rightenour
John Hubert
Logan Valley Mall
Altoona, PA 16602

DAIRY FARMERS DREAM

260 Ac, Kent Co. Md. 229 Til., 80 Ac. Alf., Double 6 Parlor, Freestalls & Headlocks Bunker Silos, Harvestore. 2 Fine Homes. All Bldgs. NEW in 1988. Capacity for 180 Milking Cows. Price: $1,290,000.

Call: Ed Fry
Cooper-Barroll Realty, Inc.
Day 301-778-2372
Evening 301-778-1539

* 2 FARMETTES *

WEST SADSBURY TOWNSHIP
CHESTER COUNTY

5+ acres of land with a remodeled 2 story farmhouse with 4 bedrooms, 2 full baths & many recent upgrades. Detached 2 story barn with room for 3 vehicles, shop, storage & more. Great private setting with easy access to major routes. Immediate occupancy possible. Asking $199,900.

4.7 acres of open & wooded land with a restored 2 story stone house featuring 2 bedrooms, modern kitchen & bath, huge screened porch, large detached 2 level barn/garage, plus storage barn. Nice setting - Asking $174,900.

BARR REALTY INC
Route 30, Gap
(717) 442-9921

WIMPLE ASSOCIATES

"MONEY-MAKER". . . nice working 475 acre Mohawk Valley farm with 300+ acres tillable. Loam soils. Barn has 104 large ties, 8 unit 2" Boumatic pipeline, Patz cleaner with manure stacker, 20x70 and 20x90 Harvestors. Room for 200 head in barn. Nice 10 room home with swimming pool. $350,000 or available with 200+ head, 10 tractors and all machinery.

EQUIPPED FARM. . .PRICED RIGHT!!! Lifetime owner offers this 155 acre farm near the Pennsylvania border. 90 acres tillable. 3 acre fishing pond. Barn has 48 ties, 2" Universal pipeline, 14x30 and 16x50 silos plus 200 ton trench. Lots of stalls for young stock. Very good 9 room home. INCLUDES: 2 tractors and complete line of machinery for $155,000. Call 607-792-3355 or. . .

MORT WIMPLE ASSOCIATES
SLOANSVILLE, N.Y.
518-875-6355
FREE FARM CATALOGUES

The Prudential

Stewart Real Estate
47 West Pomfret Street
Carlisle, PA 17013
(717) 245-9393

An Independently Owned and Operated Member of the Prudential Real Estate Affiliates, Inc.

590 Contiguous acres stripped and contoured located in Cumberland County. Excellent for dairy production, livestock and horse raising. 5 acre lake, modern 3 bedroom limestone house. Call Mark Bucher (717) 776-3073.

The Prudential, You Know Us, We Know Real Estate

CRAWFORD COUNTY - N.W. PA

Scenic Maple Crest Farms. 316 Acres w/122 Ac. tillable, 175 Ac. timber and 19 Ac. pasture. Free natural gas, spring-fed ponds, frontage on 4 roads, trout stream, two dwellings. Currently a modern, operating dairy farm able to accomodate 100 milking cows. Cattle & machinery can be included. Additional land available. Endless recreation, subdivision, income producing, and farming possibilities!!

MCV Realty Co.
P.O. Box 188
Titusville, PA 16354
(814) 827-7826

WANT TO PURCHASE

Farms in Lancaster Co.
717-393-0646
Ask For
Dave Skidmore

LEROY HIBBS REAL ESTATE

(717) 837-0265

SNYDER COUNTY FARMS

* **11 Ac. house & pole barn, stream $73,900**
* **45 Ac. Pond, timber 4 BR house $128,900**
* **67 Ac. 4 BR house, barn, 38 till.$125,000**
* **31 Ac. Hog Farm, 4 BR hous $150,000**
* **20 Ac. 3 BR house horse barn $150,000**
* **30 Ac. Woods $29,900**

SOUTHERN BEDFORD COUNTY, PA

3 year old uniquely designed 1½ story 3 BR, 2¼ bath log home w/ central air and vac Vermont soapstone wood burner and exposed beam ceiling in living room, loft, full basement, plus attached 2-car garage, neatly tucked away on 35 wooded and open acres with small stream $179,500

For your own hunting club on this 240 m/l wooded acres w/several mountain springs, just 5 miles from I-70 at Crystal Springs and PA Turnpike at Breezewood $132,900

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Everett, PA 15537
(814) 652-5226

Member Bradford County Board of Realtors

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717-364-5672

insurance real estate financial planning

BEAUTIFUL ENDLESS MOUNTAINS of N.E. Pa., Bradford Co.

DAIRY FARM 118 A. New water lines and bowls, new barn cleaner, 61 stalls. Nice 5 yr. old home on quiet country road. $175,000

HUNTERS RETREAT New roof, new addition, good water and septic. 2.4A overlooking state gamelands no. 12. Excellent hunting and fishing area. $35,000. 4 wheeler and riding mower available at extra cost. Fully furnished to sleep 10. Move in and have fun!

PRIME HOME BUSINESS LOCATION Beautiful ranch home with road frontage on rt. 14. Ask about business property available next door. Home is like new! 1.5A land. $70,000.

PRICED TO SELL! Mobile home and new 16x12 addition Private rural setting. Boundered by woods and stream. Would make excellent vacation home or hunting camp. 1.99A land, New septic. Spring & well. Appliances included. $25,000.

So. Northumberland Co. & Surrounding Counties

20 acre farmette, large 4 bdr. home in good repair, large bank barn, machine sheds, drive thru corn crib. Rent Option or No Down.

Large diversified operation.
Hogs, cattle, layers, modern buildings w/ manure pits, large machine sheds & shop, 2 good homes & trailer pad. 174 acres, 155 tillable. Possible Owner Financing. $325,000.

160 acres, no buildings Timber, farmland & streams Can be divided $1,500/acre. Owner Financing Available

86 acres, 4 bedroom log home & well maintained trailer 30 acres farmland, balance wooded. $100,000

Snyder County; 3 acre farmette, 3 bdr. 90 year old home- in excellent condition, 1½ baths, fireplace, in-ground pool & barn. Beautifully landscaped. Located on a side road. $155,000.

6 miles north of Gratz 85 acres - 55 level tillable Stream thru pasture Spring water to house Heifer barn w/silo 100% Owner Financing

300 steer feedlot, 3 Harvestores, 8 acres newly fenced Owner financing $77,000.

20 acre farmette, 4 bedroom home, nice barn, plus outbuildings, stream & large pond $139,000

75 acres level prime farmland. $150,000

300 acres approved sub-division, city sewage Excellent owner financing possible $900,000

140 acres dairy farm w/64 modern stanchion barn, heifer barn, 2 Harvestores & 1 stave silo 3 bdr remodeled home, private, excellent location $600,000

100 acres, 60 tillable, 25 pasture, balance wooded, streams, no buildings. No Down or Rent Option. $140,000

47 acres, mostly clear farm land, stream thru, excellent for Christmas trees. No Down or Rent Option. $69,000

PETER B. **CORTELYOU**
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177

Accepting Bids. Will be sold January 1, 1990 to highest bidder. 40x124 foot metal barn, 2 silos, all automatic feeding equipment. Can be seen at Rt. 1, Box 275, Falling Waters, WV. Take I-81 South to Marlowe exit, 3 miles from Maryland line, turn right, ¼ mile at 7-11, turn left onto Grade Rd., 2 miles on left Maidstone Farm.

304-274-3512
for information and photos

NEW LISTING - LANCASTER COUNTY

(Close to Chester Co. Line)

120 Acre Dairy Farm - choice soils - topography suitable for many uses. 56 comfort stalls, 19 free stalls. New 1500 gallon milk tank. 3 silos, manure lagoon, new heifer barn, 2½ story stone house w/ modern facilities, 4 bedrooms, 2 baths, attached garage, etc

ALSO:

Huge Stone House - 7 bedrooms, 3½ baths, large bank barn and workshop, large farm pond, all on 8 acres (more land available) Near exit 21 of PA Turnpike.

ALSO:

Large Double Occupancy Frame Farm House (Vinyl siding - low maintenance) on 10 acres near Elizabethtown. New 12 stall horse barn - store 3000 bales hay. Other outbuildings and high tensile fence all around farm.

CALL TODAY FOR DETAILS ON THESE AND MANY OTHER FARMS

MAHLON OBERHOLTZER AGENCY
Your Central PA Farm Broker
Smoketown, PA 17576 (Lanc. Co.)
717-392-1177

DELAWARE FARMS

160 ACRE FARM
94 tillable, house and buildings, near Sandtown
$256,000

89 ACRE FARM
79 tillable, house and buildings, near Burrsville $265,000

77 ACRE FARM
53 acres tillable, old house, near Sandtown
$105,000

D/E DAN ENTERLINE REAL ESTATE
Dover, Delaware
302-674-5544

PART TIME JOB WILL PAY MORTGAGE On this 14 acres with 3 br Brick farmhouse, lrge bank barn, (2) 22,000 sq. ft. broiler houses. Local poultry co. wants to talk to new owners about $50,000+ per year contract. NW of Manheim. $325,000.

$$ AGRICULTURAL OPPORTUNITY $$ So. Lanc. Co., 11 acres of fertile, level land, large metal barn, well & septic system. Build your home, make your own farmette. $99,900.

INDUSTRIAL FARM 75 acre dairy farm, 52 acres zoned industrial, between Route 10 & 41, industrial neighbors. $950,000.

INCOME PROPERTY FULLY LEASED Incls. 3 apts., 1 house, 23,000 sq. ft. of warehouse space. Between Rte. 10 & 41 Chester Co. $550,000.

BEDFORD COUNTY Farmhouse with 3.2 acres new siding, new roof, new heat. More land avail. with woods & stream for hunting & fishing. $40,000.

Robert T. Coates
REALTOR
5405 Lincoln Highway
P.O. Box 108, Gap, PA 17527
717-291-1542

BEFORE YOU BUY A FARM CHECK THESE BEAUTIES!

92 acres with a beautiful 4 bdr. 2 story house. Large frame barn in excellent condition with slate roof and a 14x70 cement stave silo. 3000' of frontage. Only $545,000.

Mini farm with 4 acres and a 10 yr. old beautiful stone house with small barn and silo. Located South of Quarryville Only $210,000.

Town & Country REALTY
250 N DUKE STREET
LANCASTER PA 17602

Call
Clarence Wenger
Office (717) 299-4885
Home (717) 284-4423

The tree-lined drive gives way to a four-bedroom home and 55 spacious acres on this farmette in northcentral Pennsylvania. A magnificent, unmatched view of the valley is yours to enjoy from dawn to dusk. Seclusion just seconds from town. $69,900.

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Eric L. Beard, Broker
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FARM & RURAL PROPERTY DIVISION

CENTRAL PENNSYLVANIA FARMS AND FARMETTES

OUR GUARANTEE:
We strive to be #1 in "PROFESSIONALISM & PROMOTION" offering:

- A Comprehensive Advertising Program (local, regional & out-of state)
- Video tapes of operating farms
- Ag Progress Days exposure
- Detailed brochures
- Radio real estate talk show
- 17 years of rural property experience

Whether buying or selling, we would be pleased to be of service to you. Many farms, farmettes and land parcels available. Call or write for free lists, or see our bi-weekly Lancaster Farming inventory ad in the November 17th issue.

NEW OPPORTUNITIES

670 ACRES - BRADFORD CO.- dairy w/64 stanchions, 64 free stalls and room to build on. Excellent fertile farmland. Modern home in excellent condition. Pipeline, 2 bulk tanks, barn cleaner, excellent heifer & young stock facilities, 2 Harvestores and a star top unload. 2 houses and extra bldgs. Priced under 1,000.00 per acre. Owner retiring and ready for a new owner. Can be purchased w/stock & equipment.

LANCASTER COUNTY - Large brick rancher on 1 acre land w/horse barn. Manheim/Mt. Joy area, a great place to reinvest your farm sale proceeds and still live in the country - have horses & a garden. Call Sanford Leaman.

LANC. COUNTY - 39 acre dairy in Ephrata area. Comfort stall farm and free stall, bunk feeder from silo. There is a shaving business doing approx. $50,000 gross per year. A great opportunity for a lg. family. Priced under $400,000

TIOGA COUNTY - 134 +/- acre dairy farm with 2 large silos, 4[illegible]rt stalls, pipeline & barn cle[illegible]edroom home, out bldgs. and [illegible]nds. An excellent buy @ $140,000.00

SOLD

Sanford G. Leaman
717-393-BIDS

JUST 5 MINUTES FROM HANOVER
A tree-lined drive will bring you to your private utopia on 3½ acres. You'll be charmed by the spacious brick, 1½ story home. Superb quality throughout - this 3 BR, 2½ bath is the perfect home in a perfect location. Florida room w/wet bar, first floor laundry, spiral staircase, and a custom kitchen. A small stable, paddock, and magnificent view complete the idyllic picture.

$189,000

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ERA PREFERRED PROPERTIES
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Hanover, Pa. 17331

Marlin H. **Fields** *Real Estate*

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101 No. Wayne Street
Lewistown, PA 17044 (717) 248-3904 FAX
JUNIATA CO. OFFICE (717) 436-8839
SNYDER CO. OFFICE (717) 374-8106

WE ACT AS LOCATORS FOR FARMS AND LAND

F212 - Snyder County, Chapman Township - 58 acre farm available 20 acres tillable, the rest pasture and woodland Pond and stream on property Barn, corral and other outbuildings Ideal for horses 2 story - 4 bedroom house with deck on rear $87,900 00 CALL George Harrison for details Office (717) 374-8106 or Home (717) 672-9127

OTHER C-109 - Snyder County, Chapman Township - 17½ acre campground along stream 28 campsites (electric and water) building houses restrooms, showers and office 7 room brick ranch home Great opportunity $106,500 00 Call George Harrison for details Office (717) 374-8106 or Home (717) 672-9127

F302 - Mifflin County - Ferguson Valley - PRICE REDUCED ~~$250,000~~ $225,000 131 acre dairy farm, ideal for beef Pipeline, bulk tank, earthen manure storage pit, 3 silos, 72 free stall barn and 20 heifer stalls 80 acres production land and balance woodland and farm site with 2 houses (2 story farm house 4 BR and a 4 BR ranch house, 2 baths, solid oak kitchen and stone fireplace in large family room, living room and dining room)
Adjoining land for rent on long term lease
85 acres of ridge and mountain land adjoining farm available $50,000 Dallas Will, Farm & Land Specialist - Ofc 717-248-5451, Hm (717) 543-5685

H101 - Huntingdon County - Porter Twp, 152 Acre dairy farm with 98 free stalls and double six milking parlor 4 c s silos and 1 trench Good soils, partially flat and partial ly rolling Road frontage Rental land available An outstanding 12 room early american mansion house You must see this one Call Rachel Port Home (814) 669-4194 or Dallas Will, Farm and Land Specialist, Office (717) 248-5451 or Home (717) 543-5685

F152 - Snyder County - Meiserville - 112 acre gener[illegible]arm with creek, road and state game land frontage Newly remodeled h[illegible]ral vac, thermopane windows, stone fireplace, TV dish[illegible]w plumbing and rewiring Large bank barn Ideal for beef, shee[illegible]horses Call Rick Walters - Office (717) 436-8839

CONTRACT PENDING

F201 - Snyder County - 144 acre Christmas tree plantation, 90,000 premium Douglas Fir and Blue Spruce Trees Minimum of 10,000 7' Douglas Fir can be harvested this year Call George Harrison - Office (717) 374-8106 or Home (717) 672-9127

SERVING THE FOLLOWING COUNTIES WITH BROKERAGE AND APPRAISALS Mifflin, Centre, Huntingdon, Juniata, Perry, Snyder, Northumberland and Union.

MEMBER OF LOCAL MULTI-LISTS

GOOD NYS FARMS

ONLY $700 PER ACRE will purchase 200 acres with 100 tillable. Good 48 cow barn with pipeline 20x60 silo, 40x80 enclosed shed. Original 6 room farmhouse C/E available. FH906.

VERY GOOD 51 COW 2 story barn with 2" pipeline. 20x60 silo. 10 room farmhouse in good condition. 40x60 enclosed equip. shed 226 acres, 150 tillable. Asking price of $215,000 includes line of equipment. Some terms available. F344.

LOOKING FOR 125 ACRES OF EXCELLENT ALFALFA SOILS? 248 total acres. Retiring owners offer their very good 8 room home plus good 40 cow barn with all farm equipment. Several outbuildings. Asking $199,000 F375.

IDEAL 130 COW FARM 475 acres, 350 tillable in large level fields in top notch dairy area. Very good 36x300 - 130 cow tie stall barn. Original 8 room farmhouse plus newer 3 bedroom home. Several outbuildings. Asking $375,000. C/E & crops available F379.

BEAUTIFUL COUNTRY SETTING with views, minutes from Cooperstown, NY & Glimmerglass State Park on Otsego Lake. 27 acre farmette. Attractive 4 BR home. Several outbuildings. 2nd older home. Stocked pond. Good 60 cow barn. Borders state land. $99,500. Liberal owner financing! FH978

We have many others. Call for free catalog of farms & acreage.

VALLEY VIEW REALTY
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518-234-8116
Phil King, Broker

ACRES OF ENJOYMENT - 3 Bedroom, 2 bath ranch home on 9 rolling acres Full basement 2 car garage, enclosed porch, pleasant view of country side Economical gas heat Call today $59,900 (M447)

CONVENIENT TO NY - 2 sty older home, 3 BR, 2 BA, low taxes - $513, all appliances included, 2 car garage, 1 yr warranty. Vacant & ready $31,500 (M449)

COME-A-RUNNIN' BECAUSE. . . the last 3 BR ranch in this price range sold in 24 hrs Great location nr. Mansfield. Convenient basement garage, paved drive, enclosed porch; economical gas heat, nice lot with view Appliances Included with Buyer Protection Plan $59,250 (M450)

PRIME COMMERCIAL LOCATION - 2 story brick 25'x90' building with storeroom on first floor and two large apartments on the second floor Outstanding location at the intersection of Rts. 6 & 15. $94,500 (M448)

ERA Homestead Realty
Rt. 15 So. PO Box 276
Mansfield, PA 16933
717/662-3287

GENTLEMEN'S FARM - 2 story colonial home Medium sized barn with 3 stalls for horses, in good repair, small shop plus chicken house 27 acres of gently rolling land with 10 acres wooded Numerous possibilities. $110,000 (W653)

NICE ROOMY 3 UNIT APARTMENT house in excellent rental location The 80 x 250' lot is commercially zoned In high traffic area $95,000 (W637)

LOG CABIN CAMP on 9 54 acres in good hunting area Cabin in open w/loft, has electricity and a developed spring. Includes furnishings - All for only $27,500. (W649)

WHAT A DEAL!! on this cabin shell on 3+ acres bordering hundreds of acres of State Land. Well, septic, and electric are all there. Cabin is unfinished inside + 28x32' with lots of potential. Great hunting or weekend get-a-way. Only $29,500. (W684)

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23 E. Ave.
Wellsboro, PA 16901
717/724-7161

FREE LISTING OF PROPERTIES
CALL OR WRITE

FOR SALE: 17 ACRE HOG OR HORSE FARM

Located 1½ miles northwest of Manheim, along Orchard Rd. Lancaster County, Pa. Buildings consist of: 2½ story log & frame home. Plus 12'x70' mobile home, bank barn, 260 head sow unit, complete w/40 farrowing crates, 200 stall gestation area. Nebraska type fattening unit for 840 hogs, misc. other buildings, 12 acres tillable, 3 acres pasture w/stream and pond, 3 wells, fruit trees. A very nice farm at an excellent location, having many possibilities. Very quiet setting! For more information call

717-626-5140
or 717-733-3305

BEAUTIFUL FINGER LAKES AREA

772 ACRE DAIRY FARM, 420 acs. tillable, bal. pasture, forest, main barn w/milking parlor, double 8, 190 freestall, heifer barn w/attached calf barn, storage barn, 4,000 gal. bulk tank, machine shed, 8 silos, 2 slurry tanks, 5 homes, cattle & machinery, #3022

DAIRY FARM, 207 acres, 150 acs. till., bal. pasture & forest, barn w/65 freestall & 21 stanchions, silo, hayshed, shop, 2 story 4-5 bdrm home, $200,000. #2814

FINGERLAKES, boarding & training stables, 13 acres, 100x82 new professional horse barn, 9 box stalls, indoor training arena, 24x24 holding paddock, 2nd barn, updated colonial home, $129,500. #3043. Larger boarding & training stables also available.

DAIRY/CASH CROP/BEEF FARMS, FARMETTES, HORSE FARMS, ACREAGE, LAKE HOMES, CHALET, HOMES.

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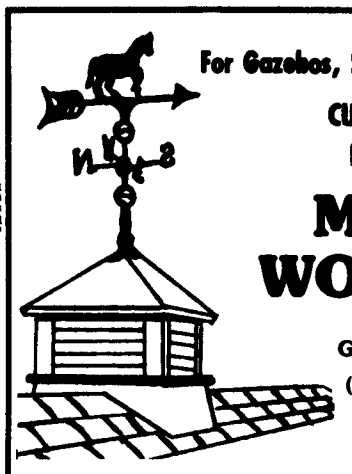

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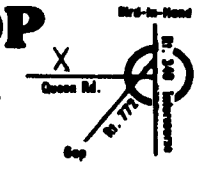

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2000 ACRES

Grain farm. Unbelievable is the only way to describe this Farmers dream. 2000 acres in one location. What an opportunity for Farmers or Investors!! What safer place to put your money than American farm land. Call today for your personal inspection.

WATERFRONT

713 +/- acres with 675 tillable, 3 miles of road frontage, plus frontage on the Choptank River. Center pivot irrigation system in place, prime farm land at its best, and this farm can be divided. 435 acres of this farm is zoned for industrial use. F-206.

EASTERN SHORE

543 +/- acres with 370 tillable, center pivot irrigation system. Over 3 miles of road frontage on 3 roads, located on the Eastern Shore of Maryland. This farm offers excellent hunting and has its own 400 ft. runway. F-210.

CANADA GEESE

538 +/- acres hunting farm bordering the Smyrna River. Two homes, several ponds, long road frontage and convenient location makes this property an outstanding find. F-204.

FARM LAND

181 +/- acres of versatile farmland, located in Central Delaware. 129.9 acres clear, and 51 acres wooded. F-181.

AWARD WINNER

Seven year old 40x500 poultry house, currently growing Broiler/Cornish chickens under Perdue contract with new house guaranteed income. Situated on 7+ acres of land with room for more poultry houses. Three bedroom ranch style home. Located on quiet country road with over 400 ft. of road frontage. MF-176.

WE HAVE SEVERAL BUYERS WITH CASH LOOKING FOR THAT CERTAIN PROPERTY, AND THAT CERTAIN PROPERTY COULD BE YOURS. IF YOU ARE INTERESTED, OR HAVE THOUGHT ABOUT SELLING YOUR PROPERTY, PLEASE GIVE US A CALL. WE ARE LICENSED AND DOING BUSINESS IN BOTH DELAWARE AND MARYLAND.

HARRINGTON ERA REALTY
302-736-0660 800-999-3727

CHESTER COUNTY

30 acres with no buildings. Great for produce, tree farm or plenty of room to build. $150,000. A great opportunity with many possibilities. Call 717-464-4700.

DAIRY FARM

Near Oxford. 185 acres. Large loose housing with double 6 Herringbone Parlor, 5 silos and slurystore. 2 barns for young stock. Comfortable ranch style home plus mobile home on property. Also available is an exceptional 2 story dwelling for only $265,000. Very productive Chester County farm. Asking $2,000,000. Call 717-464-4700

EXTRAORDINARY DAIRY FARM

in Southern Lancaster County. 175 acres of level chester loam soil. 135 acres tillable, 35 acres pasture with stream, nice 5 acre wooded lot. Large stone stucco house remodeled throughout, 2 Harvestore silos, 1 cement Implement shed, hog pen heifer barn. A must see property for $6,000 per acre. Call 464-4700.

73 ACRES

No buildings, stream. High, level, close to Rt. 272. 3 minutes to Willow Street. $350,000. Call 464-4700.

PRODUCTIVE FARM LAND

46.5 Acre tract with approximately 36 acres tillable soil and approximately 10 acres of woodland in Martic Township. Plenty of road frontage; zoned agriculture; easily farmed. $222,800. Call 464-4700.

POULTRY LAYER OPERATION

Work with almost all new equipment. Excellent contracts for this 200,000 layer operation. Call for details. 1-800-325-2131. ML#52464.

Century 21
AMERICAN HERITAGE

CENTRAL PENNSYLVANIA RURAL PROPERTIES

BLAIR COUNTY

TYRONE AREA- 243-acre FRUIT ORCHARD, good producing young trees, mountain spring water, good set of buildings (including 3-bedroom dwelling, retail sales room, and 40'x40' drive-in cooler) Serious inquiries only

BALD EAGLE- 22 993 WOODED ACRES with subdivision possible $1,900 per acre.

CENTRE COUNTY

(JUST LISTED) GATESBURG - Cedar-sided contemporary HOME ON 32+ ACRES. $275,000.

PINE GROVE MILLS- 2 24-acre, wooded BUILDING SITE just minutes from downtown State College $45,000

R.D. WARRIORS MARK- 12-ACRE FARMETTE with cape cod home and 4-stall barn, both in excellent condition. Home was built in 1984 and features 3 bedrooms, 2 baths, and 2-car garage. $237,500.

JULIAN PIKE- BUILDING SITES - 2 acres priced at $31,900, 2 54 acres priced at $38,500, and 24 acres priced at $125,600

7 MILES FROM STATE COLLEGE- 10 WOODED ACRES with an energy-efficient, all-brick home- built in 1985, 2-car garage and a 3-bay car shed $185,000

PENNS VALLEY- FARMETTE with 18± acres, small brick ranch home, 2-story bank barn with 5 new stalls added, new 24'x42' shed located on a beautiful site with approximately 1,000 feet of creek frontage Small horse business in operation with 100'x220' riding ring, 15 acres cleared and fenced with a capacity of boarding 12 horses. $149,900.

BRUSH VALLEY- 40 ACRES (20 open, 20 wooded), scenic view, spring water $108,000

GEORGES VALLEY- 84± acre GENERAL FARM (60+ acres tillable), large bank barn and outbuildings, and a totally renovated 4-bedroom, 1½ -bath farmhouse featuring heat pump with central air. Priced to sell at $239,000.

SNOW SHOE- 1-acre with CABIN, adjoins state game lands, excellent hunting and fishing. $11,900

STATE COLLEGE- HORSE FARM with 66 acres, 4-bedroom home, 2 horse barns, implement shed, possible owner financing $550,000 Possible subdivision

R.D. BELLEFONTE- DAIRY FARM with 124± acres (105± tillable), 54 tie stalls, 2 silos, 2 houses, all dairy equipment Adjusted price- $395,000

SEVEN MOUNTAINS- Wooded BUILDING LOTS, 5 to 13.04 acres $30,000 to $78,000.

SKYTOP- 33 87 WOODED ACRES with well, electric, and gravel driveway to proposed building site Very secluded and just minutes from State College $69,900

POTTERS MILLS- 11-acre FARMETTE in Penns Valley School District features a remodeled 4-bedroom, 2½ -bath home, horse barn with 6 stalls and tack room, riding ring, loafing shed with automatic watering and dog kennel $265,000

MARSH CREEK AREA- 5 8-acre COUNTRY ESTATE, beautiful, mountain stone home with 4 bedrooms, 2 baths The ultimate in country living Open land, wooded land and beautiful stream $125,000

COLYER LAKE- Beautiful 1 42-ACRE PROPERTY with views of Colyer Lake Property has new 3-stall stable, tack room, water and electric, and fenced corral Home features two-level deck, 3 bedrooms, 2 baths and woodburner $92,500

COLYER LAKE AREA- 6.1 A[SOLD] beautiful view of lake (just ¼ mile away). Rothrock State Forest just [illegible]s away $56,000

CAMBRIA COUNTY

CRESSON AREA- 142-acre (72 tillable, balance pasture and woodland) farm presently set up for dairy Would be ideal for beef or horses Nice brick house, stream on property, 38 stalls, pipeline bulk tank Priced at $142,000

CLINTON COUNTY

CLINTONDALE AREA- 120± ACRES (60 tillable, 60 mature woodland), bank barn, Little Fishing Creek flows through parcel, adjoins state forest land $259,000

HUNTINGDON COUNTY

WHIPPLE DAM AREA- 5 WOODED LOTS- 10 to 17 acres, some with stream frontage $30,000 to $51,000

WHIPPLE DAM AREA- 3[PENDING]RY LOG HOME with stream frontage Situated on 22± acres with [illegible] available $159,900

McALEVY'S FORT- Only 2 WOODED LOTS remaining (4 43 and 3 33 acres) 17 miles from State College, excellent recreational or permanent home site, septic approved $21,900 each

McALEVY'S FORT- DAIRY FARM with 125 acres, a beautiful large dwelling, bank barn with new double seven milking parlor, horse barn, implement sheds, silos, large swine barn, corn cribs, and many other features All buildings are excellent Cattle and equipment available Farm is priced at $339,000

RAYSTOWN AREA- 5± acres of fairly level, OPEN LAND with township road frontage and large bank barn, $36,000

MIFFLIN COUNTY

MILROY- 100 wooded and secluded acres of LAND with 2 natural springs Well and septic needed. $99,000

OTHER LAND PARCELS AVAILABLE.
CALL OR WRITE FOR A FREE LIST.
WANTED: Rural land and farms. Have buyers, will list.

Farm and Land Division
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Maryland DHIA

Maryland DHIA
October 1990

The October DHI information for Maryland dairy herds is listed by: herd name, county, total number of cows in the herd and the average production per cow on a 3.5% Fat Corrected Milk (FCM) basis for all milking cows in the herd. The herd must consist of at least 10 cows averaging 60 lbs. or more of 3.5% FCM per cow per day. All of the herds are on official DHI or DHIR test. Also reported are the top ten herds in Maryland for the Brown Swiss, Guernseys and Jerseys, and the top seven herds for Ayrshires.

High Ayrshire Herds

Herd Name	County	Cows In Herd Total	Milk Avg. FCM Total
Patrick, David & James, Howard		65	59.6
Potomac St. College, W. VA.		70	48.4
Pudding Run Farm, Kent		28	47.9
Shank, Ralph W., Washington		244	47.8
Con-Ayr Dairy, Washington		86	46.0
Seneca Ayr Farms, Montgomery		54	44.3
Edgewood Farms Inc., Howard		57	43.5

High Brown Swiss Herds

Herd Name	County	Cows In Herd Total	Milk Avg. FCM Total
Dwayne W. Bell, Washington		36	77.3
Fleming & Frey, Washington		14	59.3
Tom and Joy Crothers, Cecil		10	58.0
Rudell C. Beall & Sons, Montgomery		22	55.5
K. Scott Hood, Frederick		14	53.1
Bells Delight Farm, Carroll		55	51.7
Long View Farm, Frederick		32	43.6
Glad-Ray Brown Swiss Farm, Frederick		22	43.2
Glenvale Farm B.S., Carroll		28	41.0
John Hostetter, Washington		14	37.9

High Guernsey Herds

Herd Name	County	Cows In Herd Total	Milk Avg. FCM Total
John & Wm. Schnebly, Washington		74	53.2
Homer & Sadie Kinsinger, Garrett		12	52.7
Avondale Guernseys, Frederick		47	52.1
Level Square Farm, Queen Anne's		94	51.1
Harry L. Frey Jr. & Sons, Washington		105	48.2
William B. Messix, Queen Anne's		12	47.3
Mt. Ararat Farms, Cecil		109	47.1
Dogwood Lane Farm, Kent		56	45.8
C. Nevin Frey & Sons, Washington		18	38.7
Three Brooks Farm, Frederick		69	36.7

High Jersey Herds

Herd Name	County	Cows In Herd Total	Milk Avg. FCM Total
Gaywinds Farm, Frederick		42	57.9
Paul & Naomi Petersheim, Garrett		25	53.6
P. Thomas Mason, Kent		24	50.1
Barnhart Brothers, Washington		21	49.9
Windy Knoll Farm, Montgomery		50	48.0
Roy Pool, Carroll		22	47.8
Queen Acres Jerseys, Carroll		103	45.9
Michael Forsythe, Washington		10	45 8
Wayne & Georgie Barns, Frederick		38	45.5
David Jenkins & Family, Garrett		43	45 3

Herd Name	Herd Breed	Cows In Herd T	Milk Avg. FCM T
Baltimore County			
Richard M. Foster	H	72	64.6
Rlobert E. Prigel	H	78	63.3
Caroline County			
Grubby Neck Farm	H	52	77.0
Harmony Farm	H	146	73.5
Hollingsworth Daniel 3	H	50	67.0
Richard Edwards	H	168	65.5
Paul Satterfield	H	113	62.2
David N Wells	H	244	60.1
Carroll County			
Windsor Manor	H	60	73.7
Steven E. Ruby	H	78	72 0
Del-Myr Farm	H	71	71.4
Unicorn Associates Inc.	H	131	69.9
D. Richard Flickinger	H	84	68.9
Garstyln Holsteins, Inc.	H	88	68 5
Marlin Hoff	H	435	67 6
Ray & Mike Haines	H	65	66 5
Maple Lawn Farm Inc.	H	185	66 3
James & John Myers	H	65	65.6
Md-Carrollton	H	46	64.6
Joe A Schwartzbeck	H	141	64 3
James A Carmack	H	182	63.8

(Turn to Page C3)

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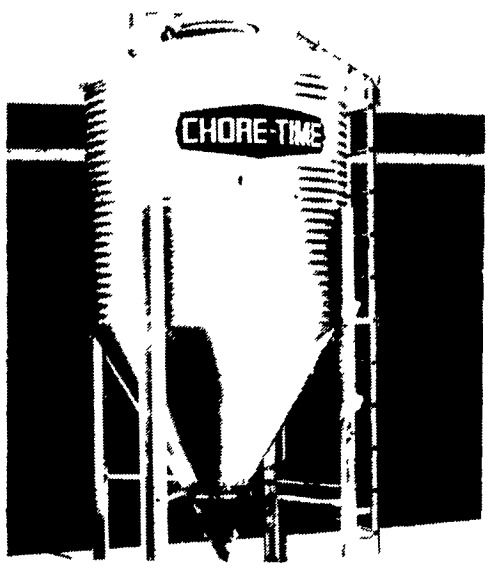

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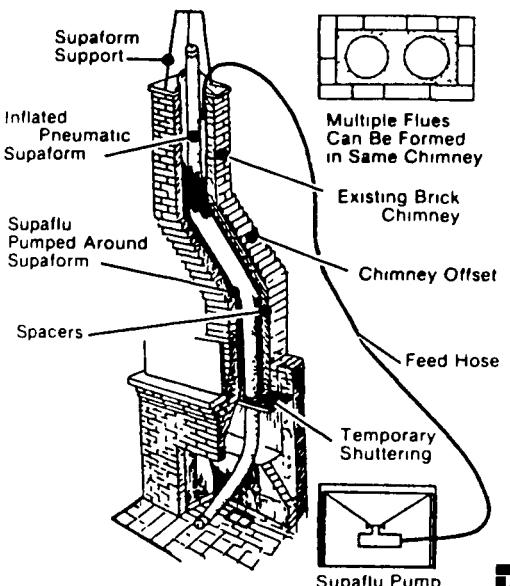
Maryland DHIA

(Continued from Page C2)

Mayer's Stoney Point	H	44	63 7
R.A. S.L. Doody	H	65	63 2
Queen Acres Farm	H	10	62 6
Jerry & Rick Lease	H	92	60 2
Cecil County			
Goods Dairy Farm	H	31	72 1
Tom and Joy Crothers	H	57	68 5
Lovdal Farms	H	101	62 8
Long Green Farms Inc.	H	117	62 2
Locust Haven Farm	H	38	61.0
Peter & Richard Morris	H	56	60 3
Frederick County			
Dave & Carole Doody	H	104	78 2
O Clayton Smith	H	109	76 8
Da-Bren Farm	H	145	73 4
Mike and Cathy Strite	H	87	71 0
Hobble-Hill Holsteins	H	88	70 2
Md-Garden Spot Farm	H	90	69 2
Hollow Valley Farm	H	125	68.8
Eric F-Faith M Burall	H	97	68.6
Savage-Leigh Farm	H	147	68.1
Leigh Castle Holsteins	H	127	67.5
A-R-Zee Dairy	H	42	67.5
Wilcom, Donald L.	H	110	67.4
Spring-Vale Holsteins	H	37	67.2
Warner Bros Inc.	H	142	66.5
Gaywinds Farm	H	76	66.3
Ronald & Ruth Cline & Fam	H	120	64.7
G. Donald Shafer & Son	H	136	64 3
Enfield Farm	H	100	64.3
Plain Four Farms	H	125	63 8
Knob-View Farm	H	97	63 8
Clovertop Farm, Inc.	H	91	63 3
Charles Ausherman	H	190	63 2
Daniel Nowell	H	92	63 0
Jeff & Judy England	H	136	63 0
Gary & Judith Remsberg	H	85	63.0
John C. Trout	H	57	62 4
K Scott Hood	H	61	62.0
Lamar O Hara	H	76	61 9
Kennth & S Zimmerman	H	59	61 8
Pine Hil Farms, Inc.	H	137	61.7
Len-Land Acres	H	201	61.1
Snow Hill Farm	H	156	61 0
Gary L & Mary C Snyder	H	50	60 8
Paul & Karen Dotterer	H	98	60 6
Smith-Mead Farm	H	121	60 5
Vales-Pride Farm	H	89	60 2
Wm & Jayme Webster	H	68	60 1
Garrett County			
Fred Petersheim	H	43	75 2
Philip Beachy	H	45	73 9
Jonas D. Kinsinger	H	25	70.4
Wayne E. Schrock	H	41	70.3
John D. Doerr	H	92	67.2
Richard Brenneman	H	38	66.8
Paul Yoder	H	49	66.3
Calvin Schrock	H	46	66.1
Ernest & Dan Ganoe	H	125	66.1
Glenn E. Johnson	H	36	66.0
Galen Kamp	H	56	65.8
Tobie Kinsinger	H	25	64.5
Ray E Miller	H	37	63.0
Menno J Yoder	H	35	62.9
Arlin Maust	H	36	62 7
Paul & Henry Kinsinger	H	73	61.4
Ralp Lichty	H	40	61 1
Oren C Bender	H	118	61.0
Ez-Mar-Haven	H	82	60.4
Maple Valley Farms	H	33	60 3
Piney Run Farms	H	125	60.0
Harford County			
W C Galebreath & Sons	H	117	72 7
My-Ladys-Manor Farm	H	219	65 2
Strawberry Hill Farm	H	125	65 0
Mrs. Theo Tharpe	H	49	62 4
Steven C. Trout	H	44	61 1
Hawks Hill Farm	H	87	60 9
Howard County			
University of Maryland	H	113	71.3
David & James Patrick	H	150	64.1
Bowling Green Farm	H	142	63.5
Kent County			
Roy W Crow	H	58	82 5
Pudding Run Farm	H	59	67 0
R & E Brink	H	69	66 7
Dix Lee	H	30	65 1
Chandale Farm	H	69	65 0
Fair Hill Farm Inc.	H	218	64.0
Howard Mchenry	H	202	63 4
Gen Farm I	H	730	62.8
All Reed Farm	H	70	62 6
Michael H Philipp	H	62	61 2
Andelot Farm	H	162	60 9
Friendship Farm Inc.	H	111	60.9
Wm Sutton-Wm Sutton Jr	H	96	60.6
Montgomery County			
David & E.B. Weitzer	H	58	64.7
Walker, Stewart & Sons	H	136	61.7
Potomac Valley Assoc.			
Cessna Bros	H	46	64.1
Calvin P. Dayton	H	65	61.5
Queen Annes County			
Harry L Schrader&Sons	H	169	75 5
L J & W E Palmatary	H	174	68.0
Charles R Patterson	H	112	63 9
Donald W. Skinner	H	74	63 6
Thomas & Shirley Jackson	H	46	62 8
Boone Brothers	H	127	60 7
Talbot County			
H W Snow Jr. & Son	H	48	63 5
Bountiful Farm	H	468	63 4
Wm. Brinsfield	H	53	60.7

(Turn to Page C4)

CHIMNEY PROBLEMS?



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Of all the conservation compliance methods available today, grass waterways and buffer strips are among the most widely used. Buffer strips can be used to protect streams and ponds or can be contoured among crops on sloping fields. Many farmers use these practices to control erosion and protect water quality.

Grass waterways force storm runoff water to flow down the center of an established grass strip, rather than allowing it to form gullies through your fields. Waterways can even serve as outlets for terraces or diversions and carry very large quantities of storm water across a field without erosion.

The grass in waterways also acts as a filter to remove sediment from runoff water. However, if waterways are used primarily as filter strips to remove sediment, they can quickly silt in and lose their effectiveness. To prevent this, it's important that crop residue management, contour buffer strips, or other methods control erosion in the fields that contribute the runoff water.

A stable outlet from the waterway is needed to prevent a gully from forming and growing in size with each storm. This may involve the construction of a water control structure, perhaps concrete-block spillways.

Grass strips can effectively slow runoff and trap sediment as it settles out. They will only remove soil sediment from shallow water flow; they won't stop sediment movement in deeper water flow, such as down hills in gullies or ravines. A buffer strip can reduce sediment and the herbicides attached to it by 30 to 50 percent.

On a 15-foot strip, the first three to four feet usually does most of the filtering. The thick grass barrier will also collect runoff water in front of it, so a good deal of the silt it carries actually settles out in the cropping area before it washes into the grass strip.

Buffer strips can be established next to surface water or in fields parallel to rows of contour-planted crops. How many contour buffer strips are needed depends on the slope of the field and the rate of water flow across it. Strips of 13 feet are the minimum width for Soil Conservation Service standards. As the slope increases, the number of strips needed increases and the distance between them decreases.

Best grasses for buffer strips and grass waterways tend to be sod-forming types which produce a tight mat to slow the runoff and catch sediment. See the "Penn State Agronomy Guide" for recommended seed mixtures and seeding rates.

Prepare the area to be seeded by grading it and removing brush. Apply and incorporate fertilizer, then firm up the seed bed. Increase the normal seeding rate for fall planting by at least 50 percent to gain a quick, thick stand. Plant grass seed 1/4 to 1/2-inch deep. If you broadcast, harrow lightly. Mulch the area with straw and anchor the mulch using a straight disk. Make only one trip over the mulch.

Mow strips the first year to keep the grass from going to seed. That encourages the grass stand to thicken. When you fertilizer your fields each year you may also want to do buffer strips and grass waterways to keep their grasses growing vigorously. Interseeded legumes also can be used to supply nitrogen.

For more information on grass waterways and buffer strips, contact your soil and water conservation district, Soil Conservation Service, or your cooperative extension office.

Milking Parlor Design Seminar

Dairy farmers who are considering changing their milking centers or building new milking facilities should plan to attend the "Milking Parlor Design Seminar", 9:00 a.m. to 3:15 p.m., Tuesday, December 11th at the Harvest Drive Restaurant, Intercourse (Lancaster County). Registration fee: $15.00 per person. Registration deadline: Tuesday, December 4th. Phone 215-391-9840 to request a program description and registration form.

Mid-Atlantic Tillage Conference

A two-way satellite TV teleconference exchange with agricultural economists from Ohio State University will highlight this year's Mid-Atlantic Conservation Tillage Conference. Traditional speakers from four other land-grant universities and the Soil Conservation Service will help carry out the conference theme, "Sharpening Skills for the Next Decade."

The 17th annual day-long event is scheduled December 12 at the Penn Harris Convention Center in Camp Hill, Pennsylvania. Nearly 800 crop farmers from Delaware, Maryland, New Jersey, Pennsylvania, Virginia, and West Virginia are expected to attend. Activities will run from 8:30 a.m. to 3:40 p.m.

As in past years, the conference is sponsored by Cooperative Extension at land-grant universities in the six participating states, with assistance from interested agribusiness representatives. More than 30 commercial exhibits are expected.

Dr. Ronald L. Ritter, agronomy weed control specialist for the University of Maryland Cooperative Extension, will lead off the morning program with a presentation on "The Latest in Chemical Weed Control."

Then, conference participants will have their choice of attending one of three concurrent breakout sessions on up-to-date topics. Topic areas and speakers are as follows:

Production Agriculture:

- "Ridge Tillage: Is It for the Mid-Atlantic Region?" — Dr. William J. Cox, extension agronomist, Cornell.
- "Western Corn Rootworm" — Dr. John J. Tollefson, entomol-

(Turn to Page C5)

Maryland DHIA

(Continued from Page C3)

Washington County

Dwayne W. Bell	B	36	77.3
Dwayne W Bell	H	25	73 5
Hartford Farms	H	54	69.5
Afton Spring Dairy	H	66	69.1
John & Cindy Burtner	H	31	66 0
Owen E Martin	H	41	64.8
Gilson S. Martin	H	35	64.7
Robert C. Jones	H	41	64.7
Curtis W Ausherman	H	141	64.2
Dual Lane Dairy	H	97	64.1
John A Horst Jr.	H	93	62.6
Arlen W. Martin	H	55	61.9
Lester Strite	H	58	61.7
Lynn Strite	H	54	61.4
Debaugh Farms	H	82	61.2
Barnhart Brothers	H	60	61.1
Edgar Paul Pryor	H	101	60.1

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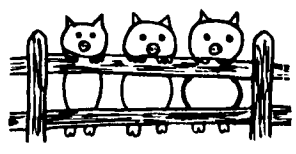

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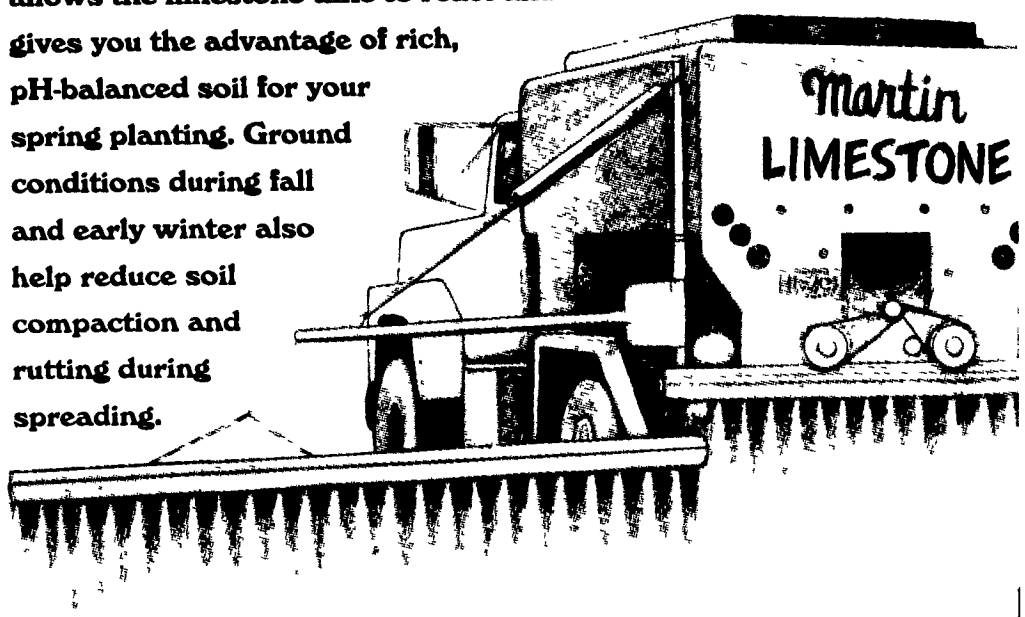

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Grass Waterways

(Continued from Page C4)

ogy researcher at Iowa State University.

• "Soil Nitrogen Test Update" — Dr. Douglas B. Beegle, extension agronomy soil specialist, Penn State.

Environmental Concerns:

• "Nitrogen Leaching Losses" — Dr. Richard H. Fox, professor of soil fertility at Penn State University.

• "Wetlands/Sodbusting Regulations" — Barry Isaacs, state biologist, Pennsylvania Soil Conservation Service.

• "Protecting Groundwater" — Scott A. Harrison, pesticide education coordinator, Penn State University.

Commercial Update:

Commercial exhibitors at the conference have been invited to make three- to five-minute presentations on new products or recent developments of interest to farmers. A limited number will be selected on a first-come, first-served basis. Lynn D. Hoffman, director of the Penn State Agronomy Research Center, is the coordinator.

The afternoon program will start off with the TV satellite teleconference from Ohio State. A panel of agricultural economists will present a 30-minute "Agritrends" commentary. This will be followed by 30 minutes of questions and answers involving participants in the Mid-Atlantic conference and the ag economists at Ohio State. H. Louis Moore, an extension marketing specialist at Penn State, will be the moderator.

Closing out the day will be an economic presentation on "Surviving in the 90's" and a repeat of the morning breakout sessions. This will give individuals an opportunity to hear speakers in two out of the three topic areas.

Tickets for the noon lunch are available at $4 from cooperative extension offices throughout the Mid-Atlantic area. They must be purchased in advance — and no later than November 30.

Commodity Loans Available

Mike Macker, county executive director of the Lehigh County Agricultural Stabilization and Conservation Service, says price support loans are available to producers who are participating in the 1990 farm programs. Such loans can provide operating cost to producers who wish to store their crops after harvest.

Loan rates on 1990 program crops are: wheat - $2.08 per bushel, corn - $1.80 per bushel; barley - $1.25 per bushel; oats - $.91 per bushel, and grain sorghum - $2.78 per hundred weight. All producers are eligible to place rye and soybeans under loan since they are not program crops. The rates: rye - $1.46 per bushel, soybeans - $4.55 per bushel.

Under the price support loan program, the Commodity Credit Corporation makes loans to eligible farmers. Loans mature on demand, but no later than the last day of the ninth month after which the loan application is made. Stocks may be stored on the farm or in approved commercial storage. The commodities serve as collateral for the loan.

According to Macker, loans on wheat and other small grains will be available through March 31, 1991. Corn, sorghum, and soybean loans will be available until May 1991.

Phone (215) 395-4164 for more details.

Thief Repellant For Christmas Trees

The following recipe, called "Ugly Mix" is for protecting Christmas trees which will not be harvested this year: Warm two gallons of water to 63 degrees F. In a separate container, mix 20 ounces of hydrated lime with four ounces of anti-desicant (for example, "Wilt-Pruf") until a smooth paste is produced. Fold the paste slowly into the water. Add two bottles of pink or other bright food coloring. Blend the mixture until it has a uniform color. Then apply it to the trees you wish to protect by spraying or splattering when the weather is relatively warm and dry. Rains should remove this protective coating by the 1991 harvest season.

Well Water May Need Testing

The water that comes into your home — especially if you have your own well — is critical to the health and well-being of you and your family.

Have your water tested when the following situations occur:

• Family members or guests have recurring gastrointestinal illness. (Test for coliform bacteria, nitrate, and sulfate.)

• Household plumbing contains lead pipes or fittings or soldered joints. (Test for pH (acidity), corrosion index, lead, copper, cadmium and zinc.)

• Water leaves scaly residues and soap scum, and soaps and detergents don't clean as well as they should. (Test for hardness.)

• Water has an objectionable taste or smell, or it appears cloudy, frothy, or colored. (Test for hydrogen sulfide, pH, corrosion index, copper, lead, iron, zinc, sodium, chloride and total dissolved solids (TDS)).

• Pipes or plumbing show signs of corrosion. (Test for corrosion index, pH, lead, iron, manganese, copper and zinc.)

• You're considering buying a home and want information on the safety and quality of the water supply. (Test for coliform bacteria, nitrate, lead, iron, hardness, pH, sulfate, corrosion index and other characteristics, depending on proximity to potential sources of contamination — intensive agriculture, mining operation, gas well, landfill, etc.)

Some tests should be routine. Once a year, test for coliform bacteria, nitrate, pH, and TDS. The best time is during spring or summer after a rainy period. Test also after repairing or replacing an old well or pipes and after installing a new pump. Test every three years for sulfate, chloride, iron, manganese, lead, hardness, and corrison index.

If the quality of your water changes — if it develops off-odors or changes color — or if someone in your family becomes ill and you think contaminated water might be the cause, have your water tested at once.

For more information on where to get water tested and how to take a sample, contact your local cooperative extension office or health department.

Generator Mounts Under Hood

MINDEN, La. — It is now possible to add powerful AC generating capability to virtually any large service vehicle using the new T-6000 engine-mounted generator. The unit is manufactured by Auto-Gen.

The T-6000 is designed for convenient, under-the-hood mounting. The unit can be wired for 115/230 service. It is a full 5,000-watt generator and produces 43 amps at 115 volts. Compact in size for the power it produces, the T-6000 measures only 10-1/8 inches high x 3¾ inches wide x 16¾ inches long. A monitoring kit, including voltmeter, frequency meter and switch, is standard.

The T-6000 Auto-Gen offers convenience wherever mobile AC power is needed to operate power tools, comperssors, and other heavy-duty equipment. Any accessible pulley offering adequate speed and belt size will drive the unit. A 12-volt electric clutch allows safe, remote engaging from a remote switch.

Contact Auto-Gen, P.O. Box 895, Minden, LA 71058 (800) 345-1903.

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Bou-Matic Introduces Total Dairy System

MADISON, Wis. — Bou-Matic, a world leader in the research, manufacturing, and marketing of milking equipment, recently introduced its total dairy system to farm media guests at Bou-Matic headquarters.

It is the industry's first true total dairy system because it incorporates such a comprehensive line of milking equipment and related products that work together as a total system.

With proper management, the total dairy system approach is of great benefit to the dairy operator for numerous reasons, among them:

• Improved feeding efficiency and milk quality.

• Increased milk production.

• More accurate breeding program and reduced calving interval because of timely information.

• Herd health can be tracked by reviewing milk production or feed consumption deviations, operator-entered attention codes, and/or HOLD messages.

• Reduced labor costs by more efficiently managing hired help.

• Better overall management and profitability because of fast access to reliable cow and herd information.

The Bou-Matic total dairy system includes, but is not limited to, the following equipment and products:

• Agri-comp ID tag, antenna, and controller. The Agri-comp® ID Tag, antenna, and controller are key to the total system. The powerful, durable ID tag is a neckworn device that operates without a battery. It accurately identifies each cow so dairy operators can track her production, control her feeding, and monitor breeding performance. Agri-comp ID achieves a high degree of accuracy (greater than 99%) in identification of individual dairy cows in the milking parlor.

• Detacher. Bou-Matic detachers can be linked directly to the Agri-comp computer. The detachers are literally transformed into individual computer terminals. More than 100 pieces of information on feeding, breeding, and milk production can be retrieved instantly from any parlor detacher during milking or at any other time of day. It alerts operators to problems because deviations are instantly displayed at the detacher. Data can also be entered or attention codes assigned such as "HOLD" milk for treated cows at the detacher. As an example, if the milking unit is attached to a "HOLD" cow, the detacher display will flash and an audible alarm will sound.

• Computerized feeding station. Agri-comp computerized feeding stations precisely dispense the amount of grain/concentrate that each cow receives and automatically maintains and updates her feed record 24 hours a day. Up to four different types of feed can be dispensed and each cow's ration adjusted based on her current production level so she isn't under-or over-fed. Better yet, target feeding can be used to increase or decrease an individual cow's ration automatically, based on her stage of lactation.

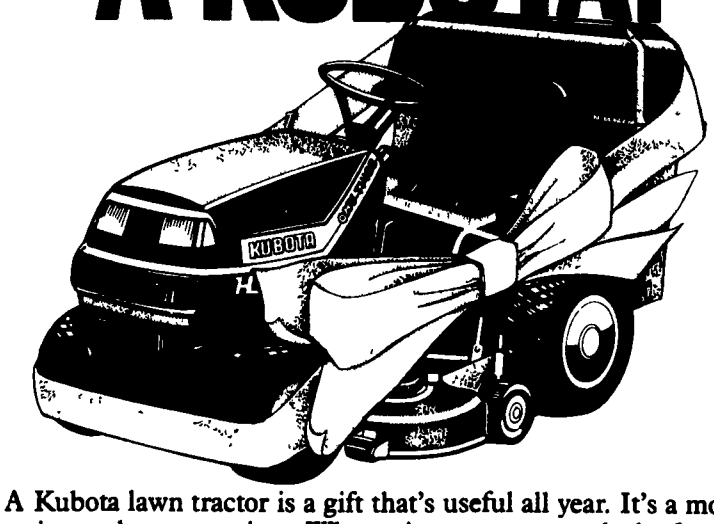
• Electronic M+ milk meter. Bou-Matic's new generation of durable electronic M+ milk meters exceed DHIA standards. They're unmatched in accuracy in maintaining milk quality and in handling the fastest milking cows, and are virtually invisible to the milking system. Milk weight data is available instantly via the detacher display. The M+ works with Bou-Matic M model detachers and can be teamed with the Agri-comp computer system.

• Agri-comp computer hardware and software. The Agri-comp system that gives total information and control over management of a dairy herd in three important areas: 1) production, 2) feeding, and 3) breeding. Agri-comp allows dairy operators to treat each cow individually, so she gets maximum milk production while maintaining her vigorous health. And there's never any downtime or waiting for the computer to update records or transfer data. Information is always current, allowing timely management decisions. Agri-comp software is meant to present functional and easy-to-read data.

• Flo-Star Milking Claw. No other milking claw can match the outstanding performance of Flo-Star. Especially when Visi-Shells and Bou-Matic inflations are used in combination with the claw. Bou-Matic engineers placed the

(Turn to Page C8)

GIFT WRAP A KUBOTA.



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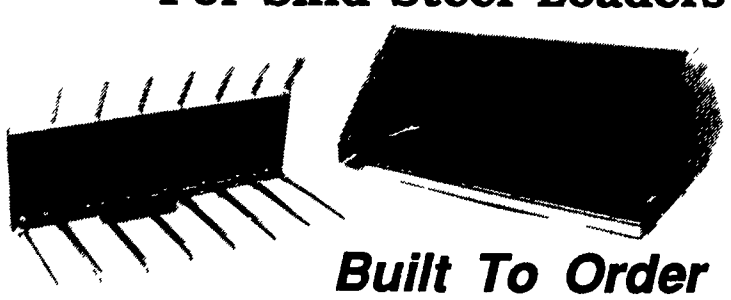

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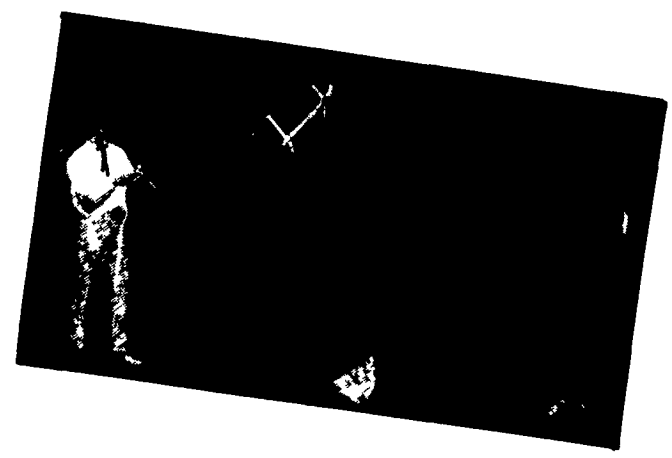

Lancaster Farming's

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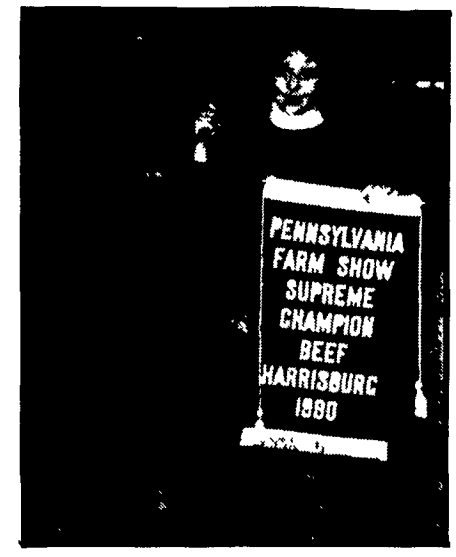

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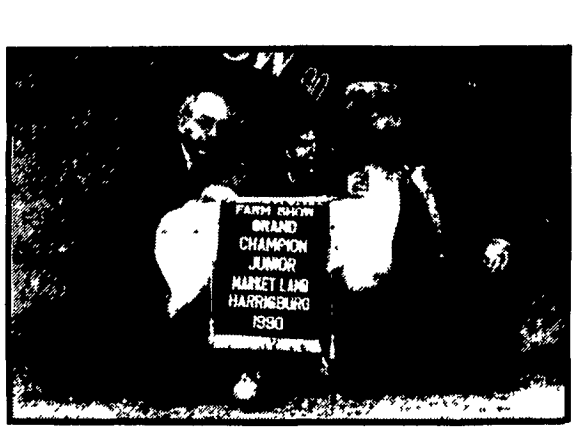

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Total Dairy System

(Continued from Page C6)

milk inlets "tangetially," at the perfect angle, so milk flows smoothly down the sides of the claw. In other milking claws, milk streams "waterfall" into the center of the bowl. This causes splashing and milk agitation — bad for milk and bad for cows. The Flo-Star claw's spiral bottom guides milk down, around, and out. Plus, it's lightweight for reduced linear slippage and unit falloff. Smoothly flowing milk and less liner slippage greatly reduced milk forming a "mist" that could carry bacteria among teats. Milk flows quickly out of the claw instead of pooling up inside. It moves a lot of milk. The Flo-Star claw can mean less mastitis spread during milking.

• Inflations. Bou-Matic offers a full line of inflations. The newest is Bou-Matic's seven-sided patented silicone Flo-Star liner. It provides more complete teat end massage, meaning it is gentle on the cow. It also promotes more complete milkout, improved teat and condition, and can help lower somatic cell counts. Its improved mouthpiece chamber design reduces squawks and falloff.

• Pipelines. Bou-Matic provides all pipeline components and accessories from vacuum pumps to pipeline washers to fit any dairy operation, large or small.

• Dari-Kool bulk cooling tanks. Dari-Kool's dual evaporator design distributes the cooling load equally between both compressors, no matter how much milk is in the cooler. Unlike most bulk tanks, Dari-Kool has two stainless steel fail-safe cooling plates. This design distributes the cooling load between the cooling plates and helps cut cooling time by up to 50% on the first milking compared to other milk cooling tank designs. Also, unlike competitive cooler designs, if a problem develops in one of the compressor/condenser plate groups, the other cooling group can still cool the milk. Dari-Kool bulk milk coolers also feature the security of a threaded outlet valve and offer dairy operators options for the remote installation of compressors and condensers.

• Therma-Stor. Therma-Stor heat recovery units produce and store free hot water by simply transferring heat from hot refrigerant gas to cold water. It has earned numerous awards for energy innovation and efficiency.

• Milking parlors. The beauty of Bou-Matic milking parlors is their easy adaptability to specific operations. Whether it's the Fastlane™ rapid exit herringbone, or Xpressway parallel milking parlor, Bou-Matic can design parlors to fit any situation. These parlors are also recognized for their toughness and durability.

Science Moves Biotech Into Farm Use

ORLANDO, Fla.— Despite early concerns surrounding biotechnology, this highly regulated new science is proving it can produce safe, useful products for farmers and consumers.

Addressing the National Alliance of Independent Crop Consultants' annual meeting here, Michael Donaldson, biologicals marketing director for Sandoz Crop Protection Corporation, said products of biotechnology are clearing the regulatory and safety hurdles. "Yet there is still one obstacle that needs to be overcome -- the commercial use of these products by farmers."

Donaldson said that education and leadership from such groups as professional crop consultants will convince farmers that this new technology can play a valuable role in their operation. "Overcoming this final obstacle will involve moving people from the 'idea' of biotechnology research, to the 'fact' of biotechnology-created products, and regular use on their farms," he said.

"Farmers will soon, within the next few years, have access to disease and insect-resistant plants, broad-spectrum biological pesticides, and products that produce a guaranteed quality and level of milk and meat in livestock," said Donaldson. "But getting to this point has been a long, careful process."

Donaldson said developing products through biotechnology has faced intense scrutiny. With three federal regulatory agencies and numerous federal and state laws, field testing has been slowed but not stifled. Since the first field test in the mid-1980s, the United States Department of Agriculture (USDA) and the Environmental Protection Agency (EPA) has approved more than 160 field tests of genetically engineered plants and microorganisms. "And no field test of any genetically engineered organism has ever resulted in an adverse environmental situation," he said.

Such safety results have eased public fear of agricultural biotechnology. And companies continue to keep the public informed regarding new product testing. "We recently field-tested the first live genetically engineered microbe with pesticide activity, and kept communication lines open with all publics," Donaldson said of his company. "And no one voiced concern.

"Biotechnology is a tool that will give growers better biological products, not magic beans. This technology has enabled scientists to do exciting things. And it will be the key to the development of exciting new products that are compatible with nature and the environment," he said.

Sandoz Crop Protection Corp. is a division of Sandoz Corp., the American subsidiary of Sandoz Ltd. of Basel, Switzerland, a multinational manufacturer of pharmaceuticals, chemical, nutritional, and agricultural products.

Using Soy As Collateral, Loans May Be Approved

LANCASTER (Lancaster Co.) — Ray A. Brubaker, county executive director of the Lancaster County Agricultural Stabilization and Conservation Service (ASCS), announced recently that loans, using soybeans as collateral, may be approved for non-participating farms.

Farmers may borrow money at a 7.625% interest rate in amounts equal to $4.55 a bushel times the number of bushels harvested and stored on the farm.

Price support commodity loans mature in nine months, but producers may repay the loan anytime. Authorization to remove the grain must be granted by the ASCS office, said Brubaker. Early disposition will be allowed if arrangements for repayment are made by either the producer or the buyer on all or a portion of the collateral. There will be penalties for grain that is removed without authorization.

Acreage Reduction Program participants may also obtain loans on participating program crops of wheat, corn, barley, and oats. The rates are $2.11, $1.77, $1.31, and $.91, respectively. Any producer interested in the price support loan program should contact the ASCS office at (717) 397-6235.

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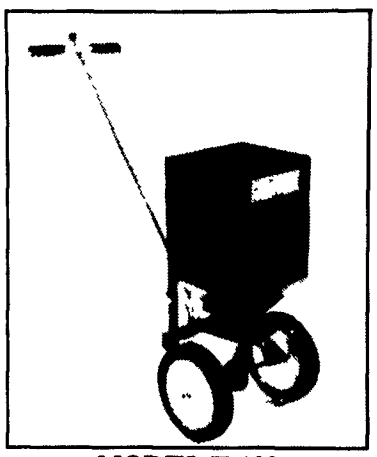
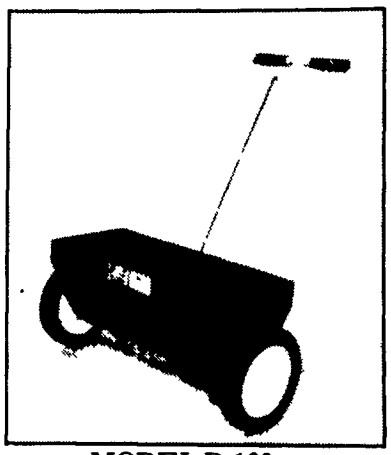

MODEL F-100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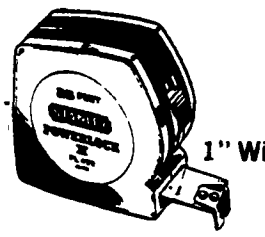
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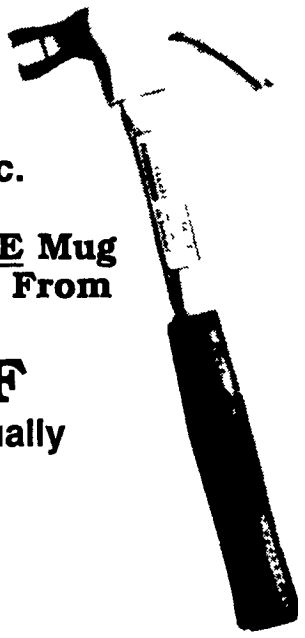

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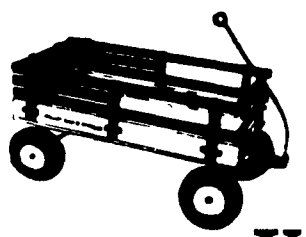

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1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders
4- Building and Supplies

The following categories are available in your classified advertising. In Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
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23- Help Wanted
24- Situations Wanted
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26- Household
27- Pets
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34- Autos
35- Trucks & Trailers
36- Real Estate

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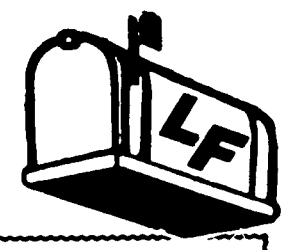
SECTION C - THURSDAY AT 9:00 A.M. OF EACH WEEK'S PUBLICATION



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AC: 6140 w/Ft End Ldr., Like New, 5050 w/Ft. End Ldr., 6060, 160 w/Ft. End Ldr., 5040 w/Ft. End Ldr., D17 Diesel, 190XT, 170 Diesel w/Ft. End Ldr., 6080, 5045, I-40 w/Rear Mower, 190 w/Cab, 190, 200 w/Cab; 7000.
DEUTZ: D6806, DX140, 4006 w/Ft. Loader.
FORD: 7600 Hi Clearance, 3000 Diesel w/Ft. End Ldr., 4000 w/Ft. End Ldr., 545 w/Cab, 545A w/Cab, 5000, 3000, 8N's, 7000; Jubilee w/Front Loader; 861.
IHC: Farmall 1206 Turbo w/Cab, 886, Super A Hi Clearance, 140 Hi Clearance, M, 200 w/Wide Ft. End, 100 Hi Clearance, 100 Cub, Super H; 574 w/Front Loader
JD: 4440 4WD w/Cab & Dual Rears.
KUBOTA: M4950 4WD w/Ldr , M5500 4WD w/Ft End Ldr , 6100 4WD
MASSEY: 275 Diesel, 40, 165 Diesel, 135, 135 w/Ft End Ldr., 35 Deluxe w/Ft Loader

HIGH MOISTURE CORN EQUIPMENT

McKee Corn Hogs, Wetmore Grinder/Blower, Gehl 2R Snapper Head, NH 1R Snapper Head; Kools Re-Grinder/ Blower, Speed King 80, 24' 8" Grain Auger On Transport, PTO Drive

TILLAGE EQUIPMENT

AUTO RESET PLOWS
AC: 2000 4 Btm
FORD: 3 Btm 3 Pth
IHC: Like New 720 4 Btm , 710 6 Btm w/On-Land Hitch 720 6 Btm w/On-Land Hitch, 700 4 Btm , 710 3-5-6 Btm
JD: 3600 Trailer Plow, 2600 6 Btm , 2500 7 Btm w/On-Land Hitch, 2500 7 Btm , 4-5 Btm w/Tandem Hitch, 2600 4 Bottom
KUBOTA: 3 Bottom
WHITE: 588 5 Btm
OTHER UNITS: Brillion 10 & 12 Ft Cultimulchers, Massey 4 Btm 3 Pth Rollover Plow, Kewanee 9 Shank Trailer Chisel Plow, Athens 7 Shank 3 Pth Chisel Plow, JD 1250 3 Btm 3 Pth

DISCS
AC: 2300 Tandem 10 Ft Disc, 3300 Transport Offset Disc, 14 Ft. Tandem Wing Disc
ATHENS: 131 Tandem 11 Ft Plow Disc
BUSH HOG: 9 Ft Offset Plow Disc
IHC: 350 12 Ft Disc, 480 Tandem 20 Ft. Wing Disc, 760 Offset 13 Ft Disc
JD: KBA 10 Ft Disc, 310 14 Ft. Plow Disc.
KEWANEE: 610 Tandem 16 Ft Wing Disc w/Folding Gang
MASSEY: 12 Ft Tandem Disc
TAYLORWAY: 13 Ft Rock Flex Disc
WHITE: Like New 13 Ft. Tandem Disc.
OTHER ITEMS: New Brillion 16 Ft Danish Tine Transporter Harrow, Glenco 3 Pth 4 Row No-Til Cultivator, 2-4-6 Row 3 Pth Cultivators

INDUSTRIAL

DOZERS: JD 450C w/6 Way Blade, Case 450 With 4-1 Bucket, Case 450B w/6 Way Blade, AC 653, AC H3, IH TD15
TRACTOR/LOADER/BACKHOES: Ford 3000, Case 480, Case 580, AC 615, Kubota B8200 4WD, Belarus 420A 4WD, Case W-3, AC 714 TL w/Cab
OTHER ITEMS: AC 640 Loader, Oliver OC3 Crawler, JD 440 Log Skidder, Case 1816C Skid Loader, Massey 2135 Turf Special Front Loader, Ford 515 w/Roadside Maintainer, General 3 Axle 9 Ton Tag-A-Long Trailer, Binkley 28 Ft Deck Equipment Transport Trailer, Asplundh Brush Chipper, Industrial Air Compressor, Brush Bandit Self-Feeding Brush Chipper.
ALSO: 1976 GMC 5000 Truck With 45 Ft. Ariel Bucket- Very Low Mileage, Pettibone B66 High Reach, 4WD, Industrial Forklift.

MISCELLANEOUS

GENERATORS: Several PTO Driven Generators On Wheels Up To 50 KW Ideal For Standby Power.
SPRAYERS: Demco 500 Gal Trailer Boom Sprayer, Like New, Meyers 100 Gal. 3 Pth Sprayer, Century 250 Gal 3 Pth Sprayer, Century 200 Gal. Trailer Sprayer.
Large Supply Of Front End Loaders And Cabs For Various Tractors. Brillion 12 Foot Smooth Roller, JD #30 Potato Digger, NH 355 Mixer/Grinder Mill; 3 Pth. HD Tree Planter, Case IH Tub Grinder
ALSO: New & Demonstrator Harley Rock Rakes, New 18.4x38 Radial Tires

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Brand New, 1 Of A Kind
NI 325 Corn Picker, 2 Row Narrow
With 12 Roll Husking Bed.
(Super Sheller Available)
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FORAGE HARVESTERS: Gehl 1000 Tandem Axle w/Pick-Up Head, Hesston 7140 And 2000-150 Each With Choice Of Heads.
FLAIL CHOPPERS: NH 36, 38 Like New.
FORAGE BLOWERS: Gehl 99, NH 28
CHOPPERS: JD 3800, Hesston 7165, 7020 Chopper Good Selection Of Cornheads
BALERS:
NI: 484 Round Baler
GEHL: 1310 Round Baler, Makes 4 Ft Bales
JD: 346 Sq. Baler w/Thrower.
DEUTZ: HD 490 Sq Baler w/Thrower
NH: 275 Square Baler.
HESSON: 5530 Round Baler
HAYBINES:
HESSTON: 1070, 1071, 1080
NH: 472, 489
IHC: 1190
GEHL: 1090
DISCBINES:
HESSTON: 1050
MISC: Assorted Rakes And Tedders, NI 272 Cut/Ditioner, Grove Hydro Drive Forage Wagon, Hesston 10 Stack Processor, 40' Round Bale Trailer, Case IH 8610 Bale Processor

PLANTING EQUIPMENT

AC 6 Row No-Til Corn Planter w/Liquid Fertilizer, Very Good Condition, AC 2 & 4 Row No-Til Corn Planters, Ford, John Deere, AC 2 Row 3 Pth Corn Planters, John Deere 2 Row Potato Planter, Brillion 10 Ft Cultipacker Seeder JD 8350 Double Disc Grain Drill, Brillion 5' Cultipacker

MANURE EQUIPMENT

LIQUID: 1500 Gal Better-Bilt, VanDale Self Loading 3000 Gal , NH 667 Tank Spreader
VACUUM: VanDale 2250 Gal
SEMI-SOLID: Hedlund Martin Vanguard 2400 Gal And 2900 Gal
BOX SPREADERS: Large Assortment Of Ground Drive And PTO Drive Units From 75 To 350 Bushel
MISC: 3000 Hedlund Martin Tank Mtd On 1973 Int Tandem Truck

1 FARM EQUIPMENT

35' Zimmerman Manure Auger, PTO or electric drive, 3 years old $3,000 814/652-2594

3960 Deere Chopper, $8,500, (4) 3-30" heads, $3,500/each, 4-30", $6,500, 4-40", $5,250 Larry Stalter "The Chopper Man" 1-800-248-2151

3 MINNICK Tobacco Boxes, $90-$110 717/687-0102

4166 International tractor, 4,000 hours, 3 new tires, $9,000 negotiable (315)782-6948

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550 MF diesel combine, hydro, 996 hrs, sheded, about like new, $16,500 717-538-5555

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825 Bobcat diesel w/ canopy, lights and tread width bucket $5500, 4020 diesel W/F, power shift, year around cab, 2 remotes $7300 717-534-1253

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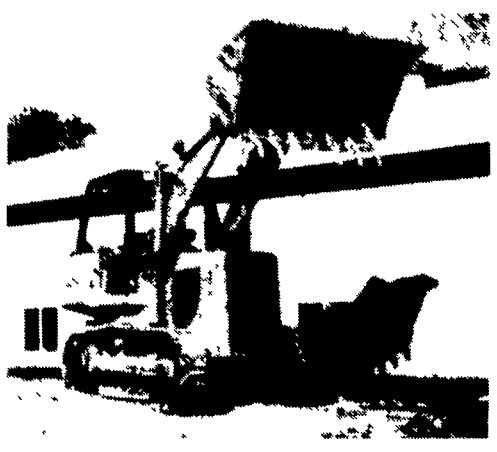

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JD 4250, MFWD, power shift, cab & air, 3 outlets, very nice
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1980 4440 cab, air, quad
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1982 JD 4240 power shift, cab & air, very nice
1982 4240 quad, cab, air, sharp, 2350 hrs.
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JD 4430 factory cab & air, quad range
JD 4230 quad, cab & air
JD 4030 gas, WF, fender tractor
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JD 2630 w/reverser, cab, recent overhaul
JD 4320 w/fac. cab
JD 4320, cab and air
JD 3020 gas
JD 2020. gas utility

JD 450C w/6 way blade

Case IH 1989 model 7110 Magnum w/170 hrs., 2 wheel drive

IH 5288 MFWD cab, air, nice, '84 model
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IH 1086 factory cab & air
IH 1086, ROPS
IH 1066, fender tractor, very good
IH 1066, fender tractor, new TA, sharp
(2) IH 986, cab & air, new TA
IH 986, ROPS
IH 886, fac. cab & air, radials
IH 786, 4 post
IH 1566, red cab, w/air, sharp
IH 1466 red cab w/air
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IH 966 w/cab, clean
IH 966 w/rebuilt hydro
IH 766 w/year round cab, nice
IH 70 hy SOLD T, WF
IH 856 fender tractor, WF w/complete engine overhaul, very nice
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AC, CA, NF

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(2) NI 717 combine (1 late model)
NI 767 Super chopper w/3RN and hay head
NI 725, 735, 738 corn head
NI 727 husker, low acres, very nice
NI 727 husker & 737 husker

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Leon 10' front mounted blade for IH tractors
Owatonna 345, Ford 4 cyl. ind. gas engine, skid loader
Cabs for IH 706 thru 1466
Dual wheels - 34's and 38's
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Shelling unit for IH 234 mounted picker, low acres, cheap
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JD KBA disc 8'

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MF 1144 4RW corn head
MF 1859 13' flex w/U11 reel
MF 13' grain head
(2) IH 863 6RN
IH 820, flex 13'
IH 810 15' grain head
JD 443, 4RN
JD 443, low profile, 4RN
JD 215 flex, needs rebuilt
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JD 4020 dsl., powershift
JD 3020 G
NI 717 combine
IH 706 gas tractor
Farmall H & M
IH dual PTO units
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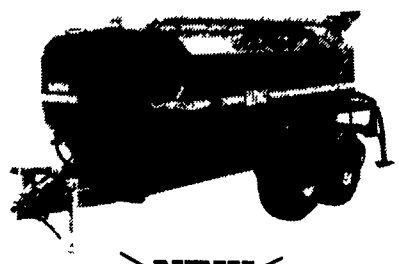

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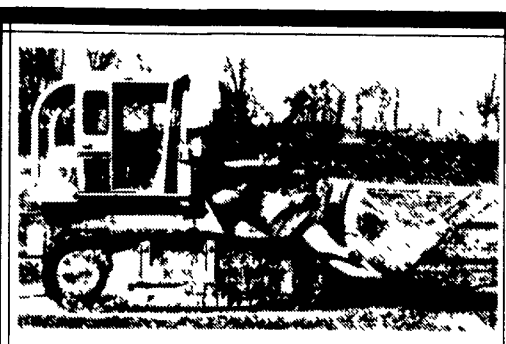

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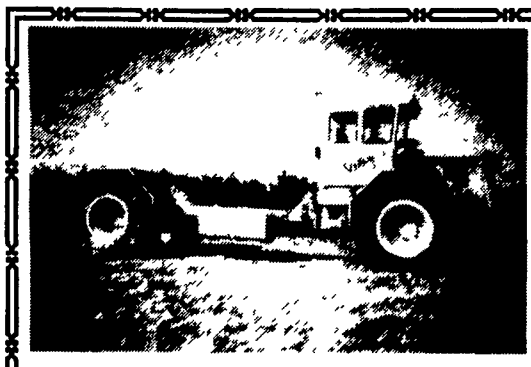

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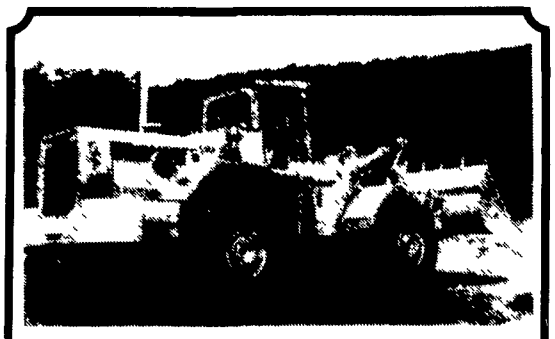

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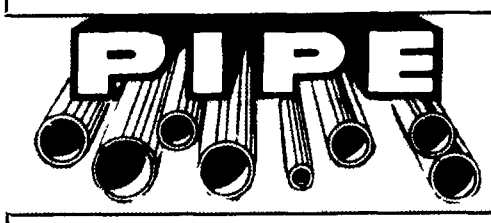

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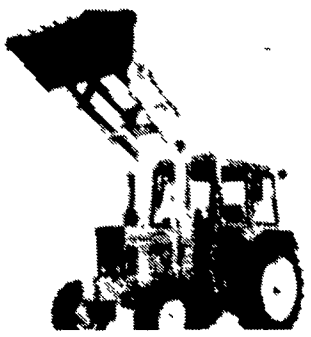

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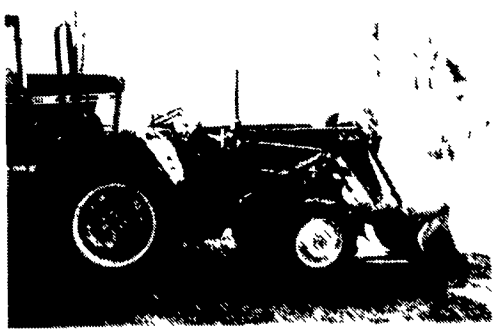

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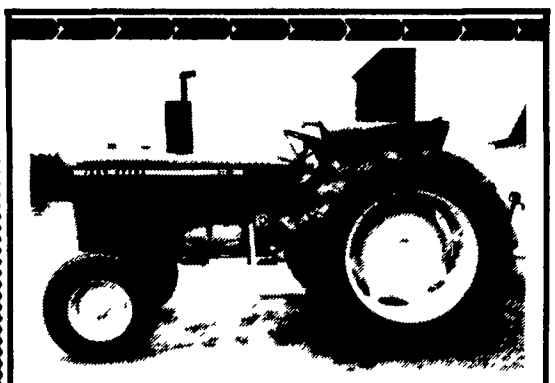

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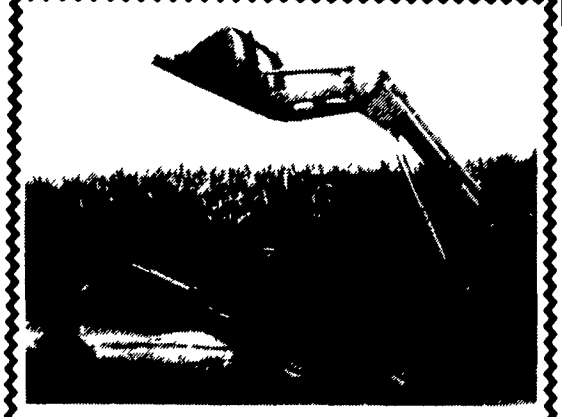

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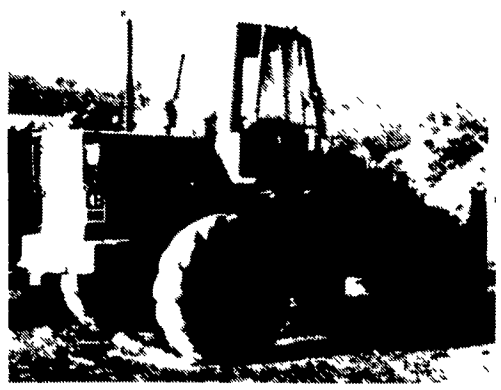

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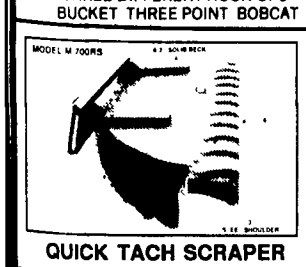

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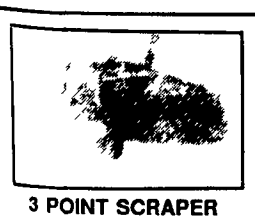

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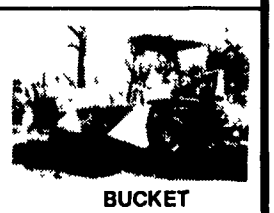

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Kidd bale choppers

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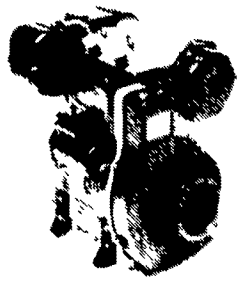

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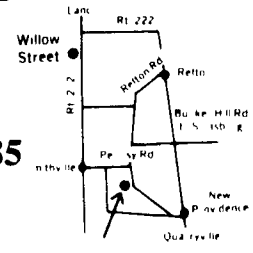

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Ford 6600 w/Dual Power
Ford 601 w/Loader
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Ford 5000 Gas SOS
Ford 515 Dsl., Loader, Backhoe
Ford 3600 Dsl., PS, w/Canopy
Ford 3000 w/Blade
Ford 3000 Dsl., 8 Speed
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Ford 1520 4x4 w/Loader
Ford 1510 4WD w/Loader
Ford 1320 2WD, PS, 75 Hrs.
Ford 1310 4x4 w/Loader
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Ford 335 D w/Loader
MF 135 Gas, PS, LPTO, 8 Spd.
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AC 5020 Turf Tires
AC B w/Mower
Farmall Cub w/Mower
Kubota 4WD w/Loader

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JD 3300 Combine
Glencoe 9' Pull Type Chisel Plow
NH 320 Baler w/Thrower
JD 346 Baler w/Kicker
(2) Ford 532 Balers
NI 323 Corn Picker
NI #7 Corn Picker

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JD 2640 hi/lo 2 hyd. ind. PTO, 70 HP	$9,200
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JD 2240 diesel 1982, new paint, 50 HP.	$8,800
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JD 2440 ind. PTO 2600 Hrs., 60 HP	$8,500
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JD 4020 PS 2 hyd, overhauled, painted	$7,500
Case 970 w/cab, PS, 93 HP	$7,500
JD 2630, new paint, hi/lo, ind. PTO, 70 HP	$7,300
JD 2020 gas w/48 loader, 55 HP	$6,500
JD 2030 Ind SOLD Hi Clearance	$5,900
JD 4020, WF, cab, 2 hyd, overhauled	$5,800
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JD 2510 diesel, WF, nice, 55 HP	$5,500
JD 3020 gas w/JD 48 loader, NF	$5,500
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FB 1560 Blower
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MC 2170 Mower Cond.
CB 1060 Forage Harvester
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Ford 340 TLB, good condition
4500 TLB, 3 to choose from
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Ford 3400 TL w/cab
Ford 515 TL w/3 pt & PTO
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Bobcat 720 skid loader, 30 h.p. Wisconsin eng.
Gehl skid loader model 2600, 25 h.p. Onan eng.
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NH 270 w/thrower, nice
NH 269 w/thrower, good
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NH 273 Super Sweep w/chute

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NH 519 manure spreader
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IH 540 4x16 semi-mount plow w/gauge wheel
Oliver 4x16 semi-mount plow
JD 10' cultipacker, nice
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IH 510 4x16 semi mount plow w/gauge wheel, nice
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IH 666	$ 8,750
MF 2705, cab & air	$10,500
MF 1150	$ 4,500
MF 275 w/loader	$ 7,900
MF 270	$ 8,750
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NH 315 baler	$ 4,200
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JD 375
JD 435

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JD 1219
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NH 890 w/2RW
NH Direct Cut Head
NH 27 Blower
JD 24T w/30 Ejector
JD 24T w/#2 Ejector
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AC L combine w 4RW corn head & platform
MF 44 corn head, $1,500
(2) MF 43 corn heads, $2,500 each
JD 444 corn head
JD 443 corn head, Low profile, exec.

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JD 2010, WF, Good
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JD 755, hydro, MFWD, loader, 120 hrs , like new
JD 850, MFWD, 400 hrs., like new
JD A, $1,200
IH 1066, cab, very good
IH 454, 40 h.p., gas w/Kelly loader, good condition
IH Farmall B, $800
Farmall H w/Blade, Good
IH 856, 100 h p., cab, 20.8x38 tires, excellent
Ferguson 40, 3 pt., WF, overhauled .. $2,500

MISC.

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NH 488 haybine
JD 1207 mower conditioner, good
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JD 146 Loader
Case IH 5100 Grain Drill, 24x6, soybean special w/grass seed, very nice

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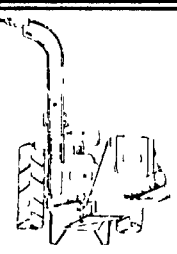

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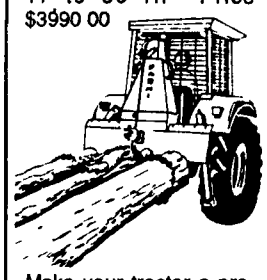

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USED EQUIPMENT

NH 315 Baler
NH 277 Baler w/Thrower
NH 269 Baler
NH 420 Baler
NH 275 w/Thrower
JD 347 Baler w/Thrower
NH 56 Rake
DA KH 500 Tedder
NH 411 Discbine
NH 1495 Haybine Hydro Cab A/C
Pequea 786 Haymaker
NH Crop 8 Wagon
Brillion 14' Pulverizer
Brillion 21' X Fold Pulverizer
JD 14' Roller Harrow
WF 5100 6 Row Planter
NH 775 Skid Loader
NH 781 Skid Loader
Case 1740 Skid Loader
IH 484 w/Loader
Vermeer 32" Tree Spade w/Loader
IH-M Tractor
Bushhog BD90 Mower, 7'6" Width

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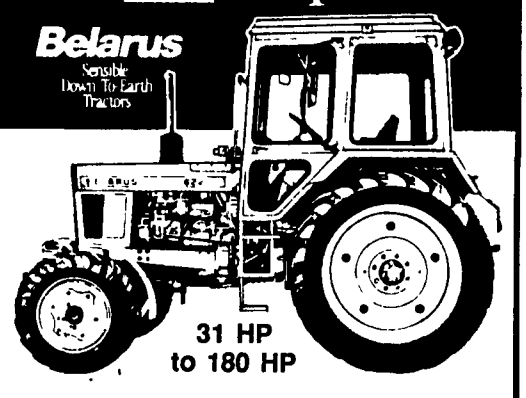

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Ford 7700 w/DP
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Ford TW25, 4WD
Ford 545 TL, 4WD
JD 4230, Cab & Air
JD 60
IH 986 w/Cab
Mitsubishi 160, 16 H.P. w/Loader
Long 510, 4WD
NH 679 Manure Spreader w/Tailgate
NH 791 Manure Spreader
NH 1495 Self-Propelled Haybine w/2 Year Old Head

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JD 4020	$ 7,900
JD 855 w/MFWD	Coming In
MF 275 Dsl., 2200 Hrs.	$ 8,400

COMBINES

Waiver On Used Combines Until 9/1/91

JD 6620 Side Hill	$33,000
JD 4400	$ 7,000
JD 2240 w/Ldr.	Coming In
IH 1480 Rotary	$33,000
MF 760 w/Heads	$ 9,900
JD 215 Flex Head	$ 4,900
JD 653A Row Crop Head	$ 7,900
JD 444 Corn Head	$ 4,400
JD 443 Corn Head	$ 4,500
JD 244 Head	$ 2,800
White 8900 Storm Damage	
White 8600 w/2 Heads	$10,900
White 846N 6R Corn Head	Coming In
White 844W 4R Corn Head	Coming In

PLANTERS - DRILLS

JD 7200 12 Row Flex-Fold	$29,000
JD 8250 Drill 18x7	$ 5,500
Krause 5200 No-Til Drill	$10,900
Tye 10' No-Til Drill	Coming In

TILLAGE

JD 2500 6/18 Spring Reset Plow	$ 3,500
JD 1710 Mulch Tiller	$ 2,800
JD 1600 14' 3 Pt. Chisel Plow	$ 2,800
JD 1610 10' Chisel Plow	$ 2,000
JD 1010 18' Field Cultivator	Coming In
JD 48 Loader	$ 1,400
JD 148 Loader	$2,200

HAY & HARVESTING

JD 530 Round Baler	$12,500
NH 275 Baler w/54A Ejector	$ 2,900
JD 35 Harvester, 2R 30" Head	$ 2,900
IH 720 Harvester w/2 Heads	$ 2,500
NI 324 Corn Picker w/329 Sheller	$ 3,700
JD 1209 Mo/Co	$ 1,800
JD Running Gear and Hay Rack	$ 900
Grimm Super 8' Tedder	$ 1,295
JD 200 Hay Stacker	$ 1,700
JD 40 Manure Spreader	$ 1,800
NH 851 Round Baler	$ 3,900
JD 214 Forage Wagon	$ 1,500

NEW EQUIPMENT

New Combines In Stock:
4435, 9400, 9500, 9600
New Heads:

913 Flex Head	920 Flex Head
915 Flex Head	443 Corn Head
918 Flex Head	643 Corn Head

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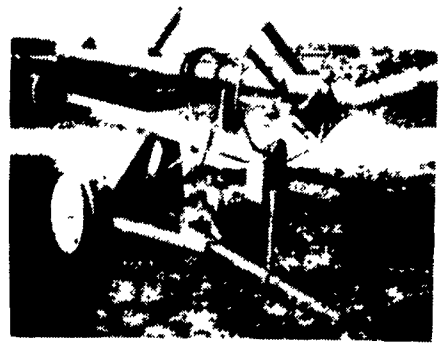

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* Gutter grate made to order
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* Round hay feeder
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JD 1520 Diesel, indept. PTO, engine majored, new paint $5,000
MF 20 Industrial w/Loader, diesel, PS, 3 Pt., PTO, cab & heat, 2143 hours $5,200
JD 4320 Cab, Air, 18.4x38 tires, new engine overhauled $10,500
JD 2640 dsl. hi lo ind. PTO, 18.4-30 tires $8,500
Ford 1700 diesel 4x4 ..... $3,950
JD 4020 diesel wide front end, 16.9x38 tires, weights $6,750
Ford 861 Gas, PS, New Paint $3,500
JD 4430 4 Post, 20.8x38 Tires, Dual Outlets, Synchro Range $8,900
JD 2640 Hi-Lo Indp. PTO, 18.4x30 Tires w/JD 175 Loader $10,500

TILLAGE EQUIPT.

International 710 4x18 Spring Reset Plow Semi $2,200
IH 710 5x16 spring reset plow $2,200
MF 4 Bottom semi-mount plow $850
AC field cultivator 10'8" pull type, nice $1,100
Glenco 10' Field cultivator pull type, nice $800
JD FBB, 15x7 DD Drill $550
AC 8' Disc $750
Brillion 12' field cultivator, late model $950
White 508, 4x16 cushion trip plow $1,250
IH 800 4x36 Air planter, dry fertilizer monitor $3,000
AC 16' field cultivator, pull type with wings $1,250
AC 21' field cultivator, hydraulic fold, pull type $1,450

HAY EQUIPT.

NH 499 hydro swing 12' haybine, hydraulic tilt $6,500
NH 849 round baler auto wrap new chain $6,600
NH 1495 SP 12' haybine, hdyro, cab, air, gas eng., nice $10,500
NH 489 haybine $3,500
NH 855 r. baler auto wrap $5,900

MISCELLANEOUS

NH 307 tandem axle, side delivery, manure spreader $5,200
NH 791 manure spreader w/tailgate $850
Badger vacuum tank, 500 gal. $800
Year around cab, JD mount $450
NH #7 Wagon 14' auger/unloader $850
JD 660 tandem axle manure spreader .. $1,500
NH 890 snapper head, 2 row $500
JD 48 Loader, Axle Mount $1,650
MF 235 Loader w/valve $850
NI 213 manure spreader, 3 beater $1,450
IH 1850 loader fits 674 ..... $1,650

FORAGE EQUIPMENT

Arts-way Dion wagon 3 beater w/roof .. $2,900
Gehl 1200 Harvester $2,800

CORN PICKERS

NI 323 ..... $2,200
NI 323 ..... $1,650
Killbros #300 gravity bin w/extension $875

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NH 358 hyd. drive w/extension auger ... $4,600
NH 353 ..... SOLD $2,600
JD 750 w/Scales $2,800

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FORD: 8N, 2000 diesel, 2000 w/bk. hoe, Ford Dexta diesel.
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KUBOTA: 7100 4WD
LONG: 560, 510 4WD Diesel.
MASSEY: 204 T/L gas, 165 w/loader.
NH: 276 sq. baler w/thrower
OLIVER: 770
SAME: Saturno 80
STEIGER: Bearcat
UNI: 702 diesel w/726 husking unit
WHITE: 5400 no-til, 4R, air planter

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- NH 316 Baler w/70 Thrower

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- IH 1586 Tractor w/H1100 Barkbuster Tub Grinder
- IH 574 Tractor
- IH 5088 Tractor, Exc. Cond.
- IH 1066 Tractor w/Cab
- IH 584 Tractor w/2250 Loader
- IH 686 Tractor
- IH 460 Tractor
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- Oliver 1255 Vineyard Tractor

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- Case 1835 Diesel w/Bucket
- Case 1537 Skid Loader w/ Deutz Diesel
- Case 1816 Loader w/Bucket
- NH LB620 Loader/Backhoe, 4x4, 56 H.P. Diesel, 450 Hrs., Like New
- Case 1830 Skid Loader
- NH L445 Skid Loader, 900 Hrs.
- JD 70 Skid Loader w/Fork & Bucket

HAY & FORAGE
- NH 326 Baler w/70 Thrower, Clean
- NH 315 Baler w/Thrower
- NH 278 Baler w/Thrower
- NH 320 Baler w/Thrower, Real Nice
- JD 336 Baler
- Vermeer 605C Round Baler
- Gehl 1460 Round Baler
- IH 27 Baler w/Thrower
- NH 411 Discbine, Nice
- IH 720 Forage Harvester w/2 Row Cornhead, Pick-Up
- NH 1495 SP Haybine, 12 Ft. Head
- Hesston 7600 S.P. Harvester, Cab w/4 Row Cornhead, Pick-Up
- NH 495 Haybine, 12 Ft.
- NH 489 Haybine
- NH 488 Haybine
- JD 460 Mower-Conditioner
- Hesston PT10 Mower-Conditioner
- NH 404 Hay Crusher
- McConnel 450 Potato Harvester, Exc. Cond.
- Artsway Forage Box, Like New
- NH 1010 Auto. Bale Wagon
- NH 499 Hydroswing Haybine
- NH 256 Rake
- IH 844 Cornhead
- NH 919 N4 Cornhead
- NH 27 Blower
- NH Twin Dual Rake Hitch
- Hesston Stack Wagon
- Vicon RC330 Rake Tedder
- NH 25 Blower
- NI One Row Corn Picker
- NI 305 Picker w/316 Husking Bed
- NI 7 Single Row Picker

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- White 252 12 Ft. Disc Harrow
- Athens 7 Shank Chisel Plow
- AC 333 Planter, 6 Row, Exc. Cond.
- IH 56 6 Row Planter
- IH 3 Bottom 440 Plow
- IH 37 10 Ft. Disc
- IH TD50 Disc Harrow, Like New

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- NI 355 Tandem Axle Spreader, 550 Bushel, Top Beater, Hyd. Endgate, Exc. Cond.
- NH 795 Spreader
- H&S Spreader, Hyd. Drive

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- Gehl BF130 Feeder Wagon
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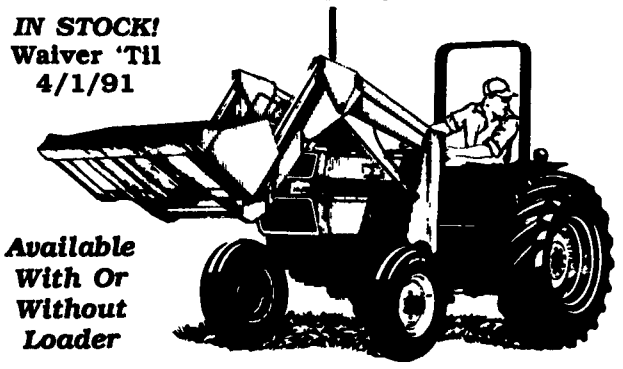

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7120 150 H.P. 7140 195 H.P.

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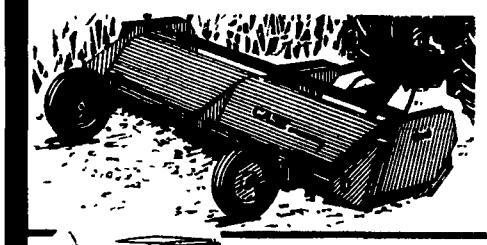

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NH 1915 — NH 2115 FORAGE HARVESTER

ALL—NEW FOR 1991— 4 Row Cornhead & Pick-Up Attach.

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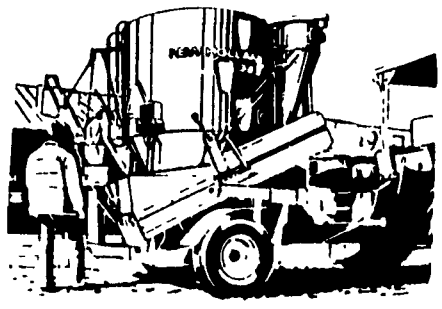

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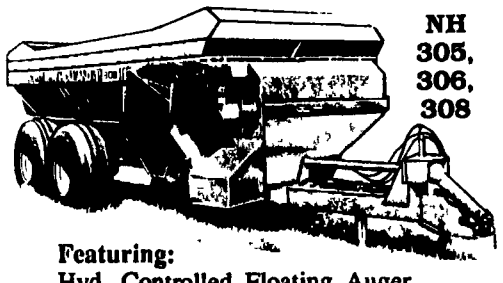

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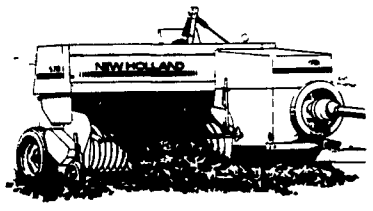

NEW HOLLAND 565, 570, 575 BALERS w/72 THROWERS

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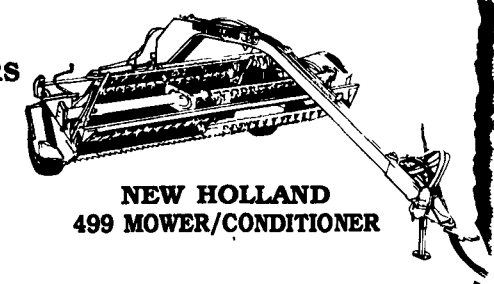
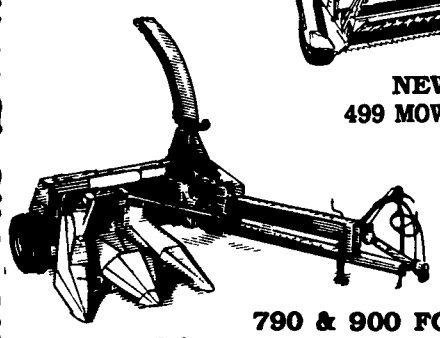


NEW HOLLAND 499 MOWER/CONDITIONER



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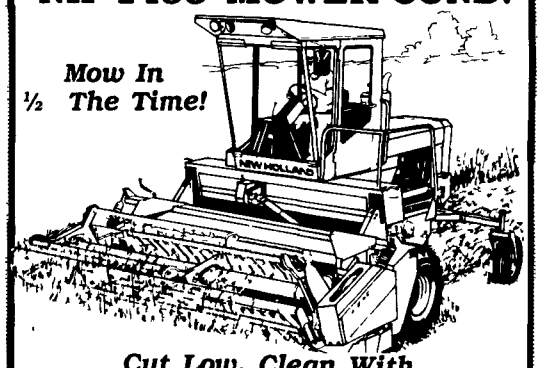

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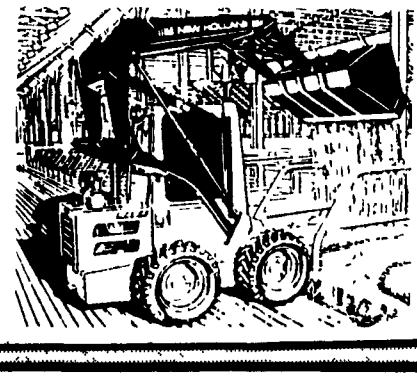

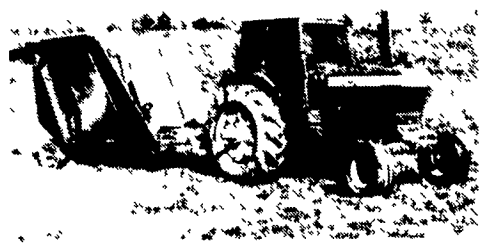

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920 Cat Loader
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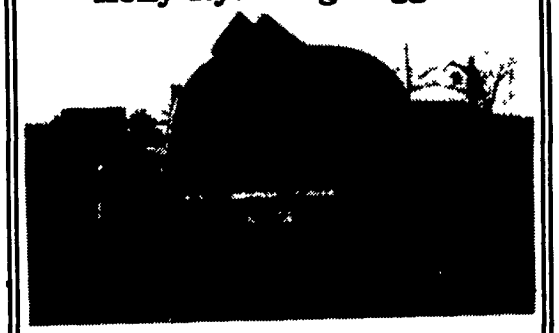

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JD 4000 1972 Model WF 18.4x38 Tires, Exc.	Call For Price
JD 4250 w/Cab, Heat, Air, Exc.	Call For Price
JD 2940, Excellent	Call For Price
MF 2675 Cab Heat, Air, 2200 Hrs, 1 Owner, Excellent	Call For Price
JD 4430 Cab, Heat, Air, PS, Excellent	Call For Price
JD 2840 Tractor, Excellent	Call For Price
MM 335, 3PT Hitch, Wide Front	$ 2,800
JD 650 MFWD w/60" Mid Mower, 20 Hrs, New Warranty	$ 7,950
JD 4050 1987 Model 4 Post PS	Call For Price
Farmall 400 w/Pulley, Fast Hitch, New Torque and Motor	Call For Price
JD 2750 w/146 Loader, 1300 Hrs., Like New, 1986 Model	$20,900
JD 2150 w/Turf Tires, 45 Hrs., Like New	Call For Price
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COMBINES

JD 4400 Gas	$ 4,995
(3) JD 6600 Combines	Starting at $ 4,500
IH 1460 Combine, 3900 Hrs.	$12,900
IHC 205 w/10' Grain Platform & Cab, Nice	$ 4,750

CORNHEADS & GRAIN PLATFORMS

JD 643 Corn Head, Excellent	$ 6,450
JD 213 Platform, Flex Head	$ 3,750
Gehl 2 Row Adjustable Snapper Head	$ 1,595
NI 844 Snapper WR	$ 2,000
AC 3RN Cornhead w/Hesston Snapper Head Adapter	$ 2,300

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JD 210 Disc, Excellent	$ 3,750
JD 148 Loader Indpt Valves, Excellent	$ 3,000
Gehl 1580 Blower, Excellent	Coming In
JD 143 Loader Indp Valves	$ 1,900
2 NI 323 1 Row Pickers	Starting at $ 1,795
Artsway 425 Grinder/Mixer	$ 2,995
JD 8300 18x7 Grain Drill, Like New	Coming In
JD 110 Disc, 11'5"	Coming In
Bobcat 743 Diesel Skid Loader w/2 Buckets	$10,900
McCurdy 12 Ton Tandem Chassis	$ 1,000
Spreader Box	$ 750
JD 1550 Powertill Seeder w/Grass Seeder, Nice	$ 3,250
NI 325 Picker Sheller	$ 2,500

HAY EQUIPMENT

JD 7' Grass Head	$ 2,250
NH 469 Haybine	$ 1,995
JD 24T Baler w/30 Ejector	$ 1,850
NH 1112 Self Propelled Windrower	Coming In
Hesston 6555, Self Propelled Windrower w/12' Head, 900 Hrs, Excellent	Coming In
JD 350 mower	$ 1,750
NH Double Hitch for Rakes	$ 495
NH 315 Baler w/Thrower	~~$4,000~~ $ 2,995
NH 282 Baler w/Thrower, Excellent	Coming In
NH 273 Baler w/Thrower	$ 2,500
NI 555 Baler w/Thrower	~~$4,000~~ $ 3,250
JD 670 Hay Rake, 9½', Rubber Teeth, Gauge Wheel	$ 1,895
Hesston 5510 Round Baler, Nice	~~$6,450~~ $ 5,850

FORAGE EQUIPMENT

JD 3940 Harvester w/Elec Controls 2RN, 5½' Pickup w/Gauge Wheels	Coming In
Direct 12' Cut Head For SP, Harvester, Like New	$ 4,995
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JD 3960 Harvester w/Controls & 7' Grasshead	$ 9,000
IHC 555 Forage Harvester w/2RW & Grasshead	$ 2,500
Papec Forage Harvester w/Grasshead & 2RW	$ 800
JD 716A Forage Wagon w/1275 Tandem Chassis, Nice	$ 6,250

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5 - NI Manure Spreaders	$700-$ 1,100

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Int. F12 w/Cult., $450
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Int. 154 Low Boy
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Cub w/60" Deck
Farmall Cub w/Gang Mower
David Brown 990 - Fair Cond.
Cub Equipment - Plow, Cult., Disc, Etc.
Ford 9N
Ford 8N
Ford 2110 Gas Low Boy w/Big Turf Tires
John Deere 3010 Gas, Tricycle
Case 1175 w/Cab
Case 1490
IH 414 Gas w/2000 Londer
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Ford 2110 Gas w/Ford Loader
Ford 3000 Gas w/Ford Loader
Ericson Skid Loader, Huskey Model w/4 Cyl. Wisc. Engine - ~~$2,500~~ - $2,200!
Case 1816 Uni-Loader, Onan Engine
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(2) IH 315's
IH 300, Power Steering, Burnt
IH 403 Gear, 4R W Hd. & 12 Ft. Plat.
IH 227 Cornhead
IH 700 13' Platform
IH 550 Chopper (Parts)
400 6R Cyclos- Parts or Field Use
IH 455 & 658 Planters
IH 430 Baler

PLANTERS:
AC 600 6-Row Narrow Air Planter, No Til, Ex. Cond.
IH FH 4-Row Cultivator

MISCELLANEOUS:
1970 Ford 350 Dump Truck w/Meyers Plow and Salt Spreader, $1,500!
Freeman Loader for IH 424
Martin 3300 Gal. Liquid Tanker w/Injector
John Blue 400 Gal. SS Pull-Type Sprayer
John Blue Model 700 500-Gal. Sprayer - New!!
NH 302 Liquid, Side Discharge Spreader, Single Axle, Nice Shape - $3,900
FMC DO-25 300 Gal. w/Gun & Hose Reel, Trailing Model, 2 Cyl. Kohler Engine, Like New - $5,800!
Valk Snow Plow, Hyd. Angle For Scout Truck- $575

COMBINES:
IH 227 CH, fits 315, 205 or 203
IH 205 w/10 ft. Platform, $1,500!
IH 844 Cornhead - $2,500
MF 1144 4-Row Wide CH, Ex. Cond.- $4,250
744 Wide Cornhead for 715, Ex. Cond.
MF 510 Diesel, AC Cab, Transm. Rebuilt, Real Nice Cond.

TILLAGE:
IH 37, 35 In Various Sizes
IH 78 Front Mtd. 4-Row Cultivator w/Quick Attach, For IH 66 Series
IH 710 4-Bottom Semi-Mtd. Auto Reset Plow
1-Bot. Trailing Plow
Bush Hog 146 12' Offset Disk
White 598 4/5-Bottom Vari-Width Plow, Auto Reset (Case IH Bottoms)

HAY & FORAGE:
550 IH Chopper (Parts)
Int. No. 8 Flail Chopper
NH 69 Baler w/o Thrower
(2) NH 469 Haybines - Working Condition
NH 477 7 Ft. Mower Conditioner, Nice Condition
IH Direct Cut Head For 15 or 16 Chopper
IH 5000 D 12 Ft. Windrower, Nice Shape
Pittsburg 3 Pt. Wheel Rake- $450!
JD 716 For. Wagon, No Roof, w/JD Running Gear

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1987 Cub Cadet, Model 1872 18HP, w/50" Deck
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Cub Cadet 108 Mower
Cub Cadet 105 w/Mower
Cub Cadet 482
Woods 210 Offset Mower
Worthington 3 Gang Pull Type Golf Course Mower- Ex. Cond.
Toro 7 Gang Pull-Type Golf Course Mower
(2) National 3-Gang Triplex, 1987 Model, 68" Cut- Were $2,000 - Now $1,800 Ea.
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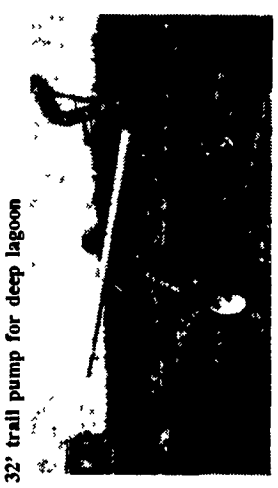

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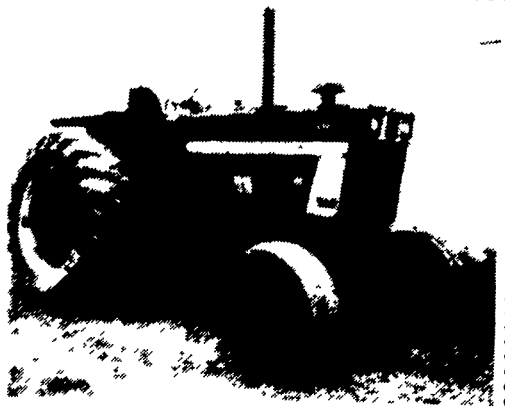

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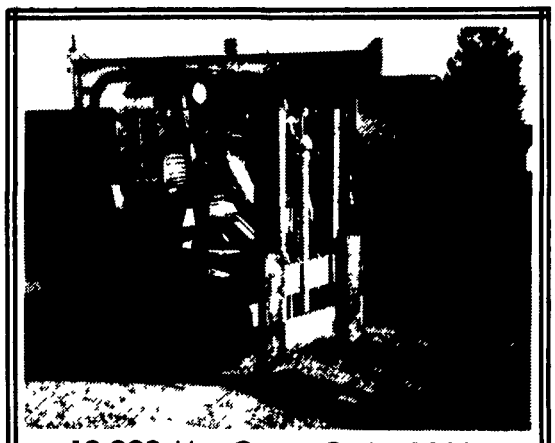

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Farmall C w/cultivator
Farmall Cub
Farmall 966
MF 1100

Vicon disc mower conditioner, nice condition

USED EQUIPMENT

IH 963 corn head
Case 1845B skid loader
IH 1190 9' mower conditioner
Brillion cultipacker 19' w/hyd. flat fold w/dual whl. transport
JD 12' cultimulcher
Ford model 142, 4 btm. plow w/auto reset
Ford model 140, 3 btm. roll-over plow
NI 323 1 row corn picker

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440 Crawler

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Ford 2000-100 Hours
(2) Ford 8N- 1 Has 400 Hours
Farmall 560- 1500 Hours
IH Spirit Lawn & Garden w/Tools

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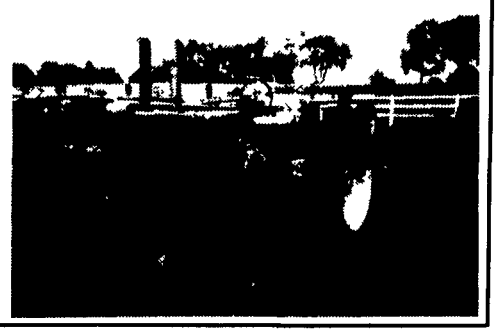

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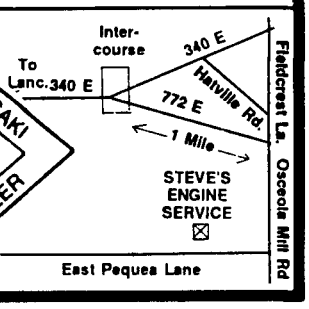

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IH 756 Dsl.
IH 706 Gas
IH 674 Dsl.
IH 464 Gas
H 656 Gas
IH 656 Dsl.
IH Super C
Same 95 4WD w/Cab
White 2-70 w/Cab & Loader
IH 3688 Dsl. w/Cab

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IH 800 Cyclo 4 Row
AC 333 10 Row Bean Planter

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Case 1818 Gas
Case 1830, Gas
Case 1835C D, Low Hrs.
Bobcat 731 Dsl.

TILLAGE

IH 350 Disc, 10'
IH 401 Springtooth Harrow
IH 531 Plow 3x14
IH 55 Chisel Plow, 9'
Pittsburgh Spring Tooth Harrow
IH 720 5x20 Plow
IH 480 Disc Harrow, 13'
Bearcat 10' Packer
Brillion 9' Packer
Dunham Lehr 11' Disc Harrow

UNI EQUIPMENT

704 Power Unit
717 Combine
727 Husking Bed
838 Husking Bed
768, 3R Corn Head

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IH 403 Combine
IH 820 Flex Head 16½'
IH 810 Platform 15' w/Hart-Carter Flex Bar
IH 1460 Combine

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IH 1050 Grinder Mixer
JD 54 Manure Spreader
NI 214 Manure Spreader
NI 213 Spreader
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Badger 3000 Gal. Tank
IH 560 Manure Spreader
Swartz 760 Mixer Wagon
NI 352 Manure Spreader

HAY & FORAGE

Case IH 600 Blower
Brady 144 Shredder 12'
Case 220 Square Baler
Gehl 99 Blower
IH 1490 Mower Conditioner 12'
IH 881 Forage Harvester w/2 Row Corn Head
NH 479 Haybine
NH 495 Haybine
IH 440 Baler
Badger 950 Forage Wagon
NH 489 Haybine
NH 1495 Windrower
Hesston 6550 Windrower, 12'
IH 56 Blower
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Krone 150 Round Baler
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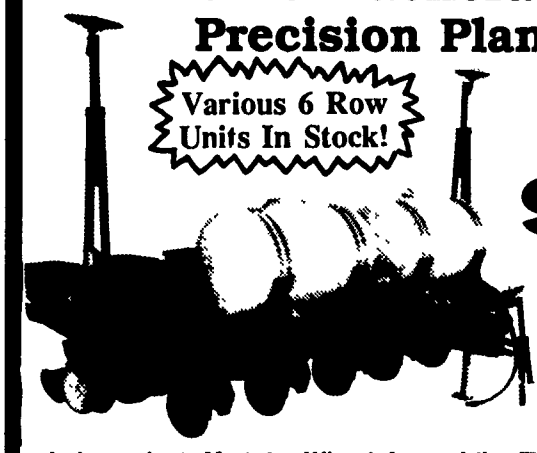

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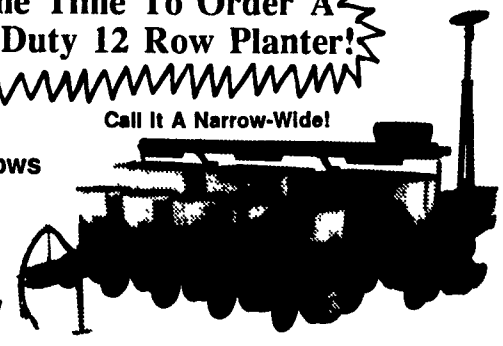

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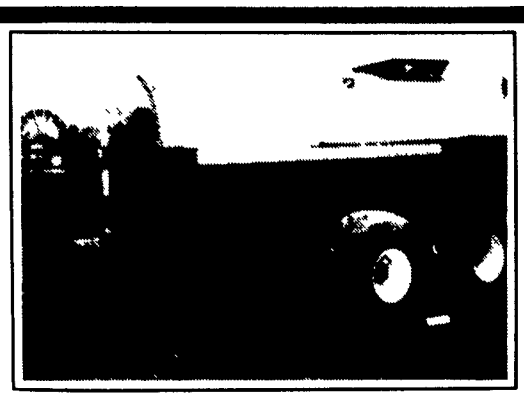

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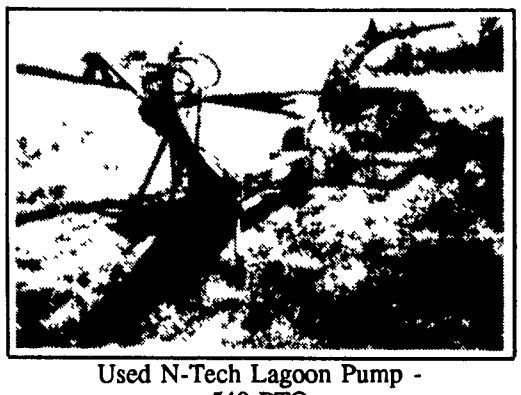

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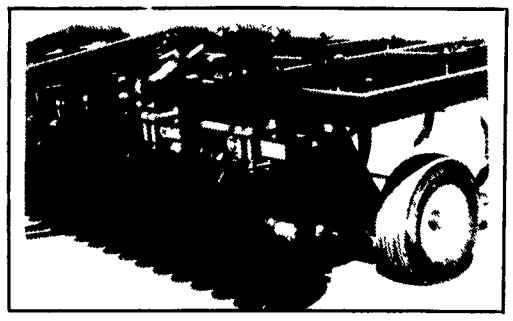

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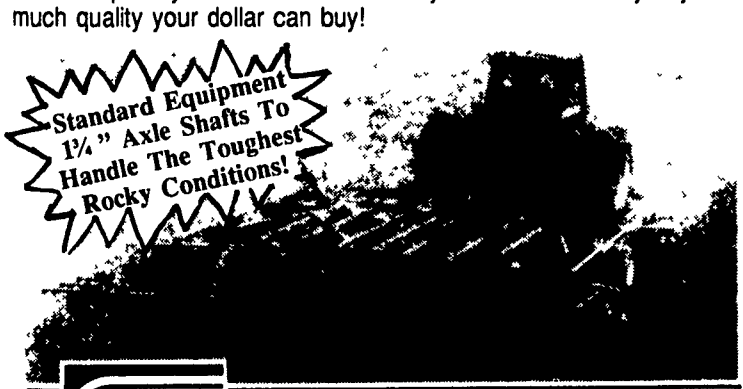

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(34) Pacer 3 Pt. Lanscaper 6 Foot Designed W/Ripper Spikers, Leveling Blades & Roller, Stop In And See This Versatile Landscaping Tool
(35) John Deere AW 12' Transport Disk w/Hydr, UM1697
(36) D130 Case Davis Backhoe Attachment For Case Uniloaders W/12" Bucket, UM1577 $3,600
(37) Used Gehl 3510 Skid Loader, 28 HP Gas
(38) Oliver 4 Bottom 16" Rollover 2 Way Plow Model 3600, UM 1553, Make Offer
(39) USED FORAGE BLOWERS IN STOCK
- IH 600 Blower, Ready For Work
- John Deere 65 Blower, Nice, UM 1698
- IH 56, UM 1700 - $650

(40) Brillion 16' End Transport Packer W/18" Rollers, UM1633
(41) Case 110 HP 1155D Crawler Loader, 1984 Model, 1¾ Yd Bucket, New Track & UC, UT2309
(42) New C.T.I Pallet Fork Tine Attach w/4000 Capacity, Also 2500 Capacity, Fits On Loader Bucket
(43) 3 Pt. Sweeper Broom W/Angle Adjustment, UM 1674, Used
(44) Badger Forage Box 3B & Roof On 12 Ton Tandem

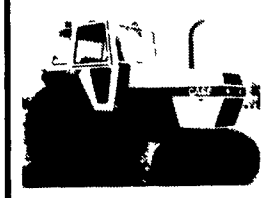
USED INDUSTRIAL

- Massey-Ferguson 204 Forklift, 12' 4000 Lb, $4,900
- Case 36" Pallet Fork For Case 1845B UM1705 $560
- John Deere 350C Crawler Loader, Only 982 Hrs, Excellent UT2303 Make Offer
- Case 78 HP Model 850C Crawler Loader, Good Quality Machine UT2182
- 1985 Case 855 Crawler w/4 in 1 Bucket Loader Only 1468 Hrs UT2177
- Case 110 HP Model 1155D Crawler Loader w/Complete New Undercarriage UT2309
- Case 580E 4x4 Backhoe With Cab & Heater w/970 Actual Hrs, Excellent Condition UT2323, Good Machine For Snow Removal
- Case 580 CK Diesel UT2338 ~~$5,900~~ $4,900
- Zoom Boom Type TCI Forklift, 4WD Diesel, 6000 Lb UT2158,

GOOD SELECTION OF USED TRACTORS

- Case 2290 Cab w/Air & Heater, 128 HP w/P Shift, Good Clean Tractor, UT2339
- IH 5288 CAH, Excellent
- Case IH 885 MFD 72 HP, Low Hours, UT2348
- Case IH Magnum 7130 All Wheel drive 170 HP
- John Deere 4230 Rops w/18 4x38 Radials, Good UT2376
- IH 24 HP Model 254 w/Loader
- IH 686 Tractor
- 1986 Case IH 385 2 WD Diesel, 760 Hrs., UT 2355
- Case 990 Diesel, 53 HP, w/Loader, UT2365
- Massey-Ferguson 175 Diesel, UT 2363
- Farmall Super A W/Mid-Mount Woods Mower
- Case IH 1594 2WD, 85 HP W/P Shift
- Case IH 1594 All Wheel Drive, P Shift, 85 HP
- IH 84 Hydro
- John Deere 8640 4WD w/Duals
- John Deere 4640 Cab, A H -Quad, New 18 4x38 & Duals
- John Deere 4020 Narrow Front, Gas, UT 2322
- John Deere 3020 Wide Front P Shift, Gas, Almost New Mid Mount 4 Row JD Hydr. Fold Cultivator, Tractor Has 540/1000 PTO, Dual Hydr. Outlets
- Ford 4000 w/Loader, UT2374
- IH 5088 CAH, 1983 Model, 540/1000 PTO, Triple Remotes, UT2370 - Just Traded!
- IH 544 Utility Hydro Diesel, UT2138, $3,990
- Case IH Magnum 7110, 2WD, CAH, 18 Spd, P Shift, 130+ HP, UT2145
- Massey Ferguson 4WD Model 399, ROPS, Low Hrs

EXCELLENT QUALITY!



Case 2290, 120+ HP w/Power Shift, Only 2350 Original Hours, 3 Hydr. Remotes UT 2339

Lots Of Good Used Skid Loaders To Choose From!

- Gehl 4400 Hydrostatic Ford Gas Powered Nice UT2056
- New Holland L555 Diesel Skid Loader With Teeth On Bucket 12 00x16 5 Tires UT2356
- Gehl 4400 HydraCat Skid Loader With 65" Bucket And 60" Manure Fork, UT2347
- Gehl 3510 Skid Loader 1982 Model With 60" Bucket Nice!
- Case 36" Pallet Tine Fork For Case 1845B Uniloader $560 00
- Case 1835C Uniloader Diesel With Auxiliary Hydraulics UT2352
- Case 1845B Diesel Uniloader With 12 00x16.5 Flotation Tires, 1985 Model 73" Dirt Bucket
- Case 1816C Uniloader With 48" Material Bucket, UT2334, $4,800
- Case 1816 Uniloader, New Engine, 44" Bucket, UT2345, $3,250
- IH 4130 Skid Loader 1979 Model With 25 HP Gas Engine, 1700 Hrs, Hydraulic Pump, Rebuilt, UT2308 $3,650
- OMC 440 Hydrostatic Drive With Ford Industrial Water Cooled Engine, 66" Bucket And Fork, UT2325
- Case 1845C Diesel Less Than 1000 Hrs., 73" Bucket, 12 00x16.5 Tires, UT2074 $13,800
- Case 1845 Gas UT2084 $5,950
- 24" Backhoe Bucket For Case 580C, Best Offer, UM1469
- Case D130 Backhoe Attachment For Case 1845B and Older Machines, With 12" Trenching Bucket UM1577 $3600, $2980

* Subject To Credit Approval

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717 626 5159 717 859 8768

case IH

6,000 Lb. Cap. Mastercraft,
22' Lift, Sideshift, Ford Diesel,
Very Good Condition
$7,500
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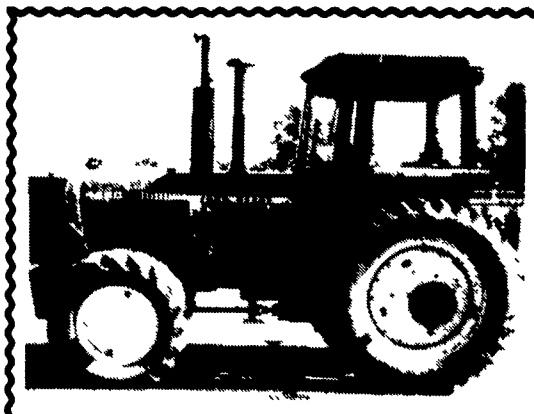
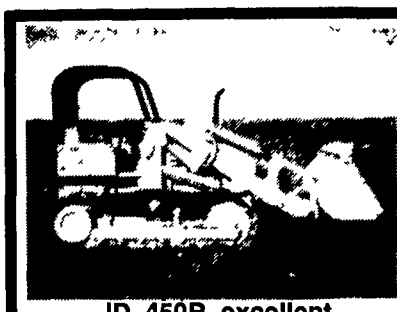


1983 JOHN DEERE 4450
Front Wheel Assist; 15 Speed Powershift Trans; Duals; Cab with Heat & Air; 540 & 1,000 PTO; 3300 One Owner Hours; Will Trade.
$39,500
Let's Deal
Call 1-800-345-2829
Curry Supply Co.
Curryville, PA

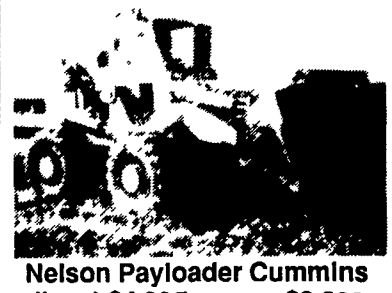


JD 450B excellent
~~$12,000~~ $11,000

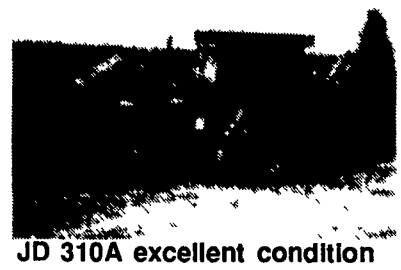
JD Backhoe attachment
$2800 choice

Case 480C ~~$7,000~~ $6,800

JD 2010 $7500



Nelson Payloader Cummins diesel ~~$4,000~~ $3,800



JD 310A excellent condition
~~$12,000~~ $11,000

JD 450C, 6 way engine overhauled, good cond., ~~$12,000~~ $11,000
IH 100C crawler/loader backhoe, engine overhauled, ~~$9,500~~ $8,500
JD 410 Backhoe engine overhauled ~~$10,500~~ $10,000
JD 350B 6 way, A1 condition $7,500

J & F Equipment
(717) 859-3283
No Reasonable Offer Refused

COMBINES

Waiver of Interest Till Sept. 1, 1991

1983 JD 6620, 1,260 Hrs.
1975 JD 7700 rotary screen w/215 flex cutter bar
1979 JD 7720 w/Mud Hog drive, 216 flex cutter bar
1982 JD 8820 w/4WD, 1,965 hrs. w/222 flex cutter bar, JD 843 corn head
1982 JD 8820, 4WD w/224 flex cutter bar
1981 JD 8820 w/4WD, dual tires w/JD 220 flex cutterbar, 843 corn head
1981 JD 7720 w/218 Flex Cutter Bar
JD 444 Corn Head, Hi-Tin
JD 643 corn head

TRACTORS

1983 JD 4450, cab, w/MFWD, power shift
1977 Kubota L225, 25 h.p., 950 hrs.
1985 JD 4450, cab w/MFWD, quad range, 1,085 hrs., w/dual 18.4x38 tires
IH 460 w/loader

MISCELLANEOUS

1989 JD 6000 Hi-Cycle, 60 Ft. Boom
$24,950

IH #60 flail mower, 14'
JD RG 4 row cultivator, (4 row wide)
JD 7000 6-30 planter, dry fert., insecticide monitor
JD 14 row soybean special planter
JD 27 Flail Shredder
JD 265 loader
AC 11 row planter
Dunham 14' Crowfoot Packer
Brillion 18' Gang Crowfoot Packer

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JOHN DEERE

Best Buys in Used Equipment

TRACTORS

AC D17	IH 966	MF 20, Gas
AC 220	IH 3488H	Case 1835C Skid Steer
AC 190XT	JD 8630	Case 2590
AC WD	JD 8650	ST 251
White 2-135	JD 4440	ST PT225
IH 986 w/Loader	JD 7020	Farmall F20

DISCS

JD 220, 20'	IH 496, 22'	KR 1577 17'
JD 230, 12'	IH 37, 10'	KR 1425, 20'
Ford 230 16'	IH 370, 12'	SF 29'
BH 24'	IH 496, 22'	SF 24'
IH 490, 22'	(2) KR 1966, 31'	

TILLAGE

AC 6x16 On Land Plow	JD 2350-2450 8x18 Plow
WR 32' Field Cultivator	JD 145 Plow, 4x16
Athens 15' Chisel Plow	BR 25' Cultimulcher
White 20' Field Cultivator	BR 19' S Packer
MK 6R Cultivator	BR 12' Packer
JD 1010 Field Cultivator 18'	WR 10x18 Plow

MISCELLANEOUS

Haybuster Tandem No-Till Drill 24'	NH 717 Forage Harvester
Krause 5215 No Till Drill 15'	NH 791 Manure Spreader
FD F-600 Dump Truck	Case IH 900 Planter 6RN
JD 737 15' Mower	IH 510 Drill 18x7
JD 7000 Planter, 8 Row	IH 50 Shredder
JD 66 Blower	

HAY EQUIPMENT

IH 46 Baler	NH 90 Bale Stacker
IH 440 Baler	NH 488 Mower Conditioner
IH 47 Baler w/Thrower	NH 499 Mower Conditioner

COMBINES

NH TR70 4WD	IH 915	MF 760
IH 1460	(3) JD 8820 4WD	MF 510
IH 715	JD 7720 4WD	(2) MF 750

Large Selection Of Cornheads And Platforms Available
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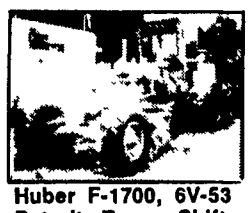
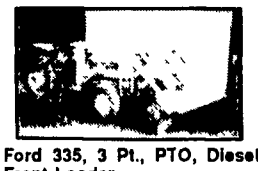


Huber F-1700, 6V-53 Detroit, Power Shift, Cleaned & Painted
$11,500



Ford 335, 3 Pt., PTO, Diesel Front Loader
$10,500

1987 Case 580E Extend-A-Hoe, Wobble Sticks, Very Good Cond.
~~$22,500~~ **$20,500**

(2) Clark 45C, 4-53 GM Diesel, full cab & heater, 17.5x25 tires, 2 yd., exc. cond.
$19,900

Ford 3600, Gas, Power Shuttle, w/Snow Plow **$3,250**

9 Ft. Bin Type Hyd. Spreaders
$1100
Also Tailgate Spreaders
$500
9', 10', 11' Plows **$1,000**
Complete

Trojan 1900, GM Diesel, Full Cab & Heater, Exc. Rubber, Exc. Cond
$12,500

Cat D4D, Tilt Blade, 1600 Actual Hrs.
$24,000 OBO

FORKLIFTS

Lull 31 ft. Lift, New Tires, C&P **$6,500**

RUBBER TIRE LOADERS

Case W-18, full cab & heater, good rubber, good cond. **$18,500**

TENNANT SWEEPERS

Model 92, 4 cyl. water cooled, hydrastatic, good cond. **$6,500**
240 w/front power broom, 2 cyl. Kohler **$2,500**

ROLLERS

Gallon 10-14T tandem, 6 cyl. IH gas, hydrastatic **$5,850**
Ferguson 9 wheel rubber tire roller Oliver gas ..... **Call For Price**
Mauldin 3-5 ton w/towing package, hydrostatic vibratory, ex. cond **$3,650**
Raygo romper 2-36, vibratory, hydrastatic, Deutz diesel **$4,995**
Western 2 ton vibratory roller, Wisconsin gas **$2,500**
3-5 ton Littleford w/towing package, V4 Wisconsin **$1,500**

BACKHOES

Case 580C, full cab, extend-a-hoe, 4 in 1 bucket, cleaned & painted, excellent cond. **$13,500**

GRADERS

Huber F-1700 6V-53 Detroit, full cab & heater, power shift **$11,500**
Huber M-52 Maintainer, 4 cyl. cont., sideshift center blade **$3,995**

MISC.

Schramm Pneuma Tractor, 125 Comp. w/post driver ..... **Call For Price**
1989 Used custom 10 ton, air brakes **$5,500**
New Custom trailers in stock, 3 ton thru 20 ton ..... **Call For Prices**
(2) MF 40B tractors, 3 pt. PTO, diesel, sickle bar mower ..... **Call For Price**
New & Used Buckets

Best Buys in Used Equipment

DON'T LEAVE YOUR CROP IN THE FIELD!

Combine Your Own Corn And Beans!

CONSIDER THIS... ** Will you spend thousands of dollars for custom combining and have nothing but your crops to show for it?

** Our used combines are priced BELOW WHOLESALE, so buy one now from HOOBERS and harvest your own crop.

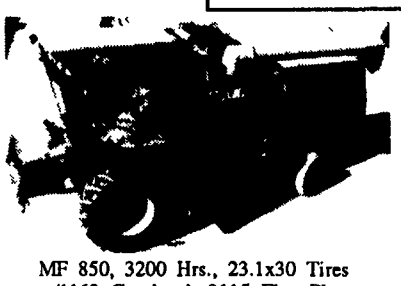
** This combine is ALREADY DEPRECIATED, so sell it next year for what you paid for it this year.

MAKE SENSE?

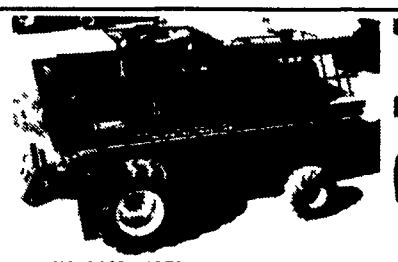
CALL US TODAY, AND BE HARVESTING YOUR CROP TOMORROW!!

USED COMBINES & CORNPICKERS

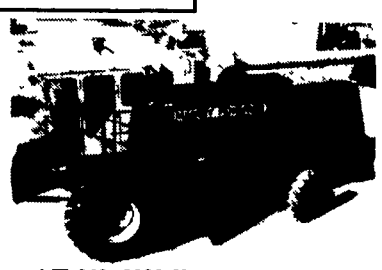
1984 IH 1480, 1539 Hrs , Diesel, Turbo, Hydro. Trans., Cab With A/C, Heat, Radio w/Straw Chopper (U5104)



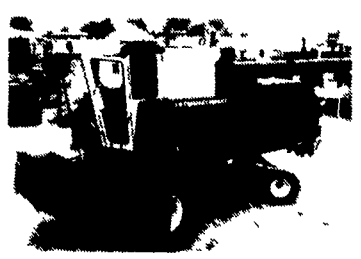
MF 850, 3200 Hrs., 23.1x30 Tires w/1163 Cornhead, 9115 Flex Platform (U5459)



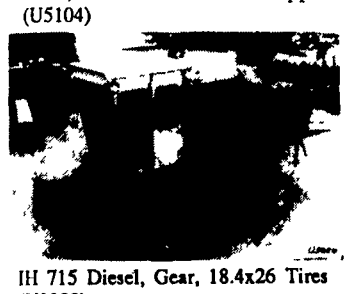
IH 1460, 1979 Model, Grain-Loss Monitor, 30.5x32 And 18.4x16.1 Tires (U4744)



MF 860, 2200 Hrs., Diesel, Hydro, 24.5x32 Tires, Cab w/AC, Heat, Radio (U5510)

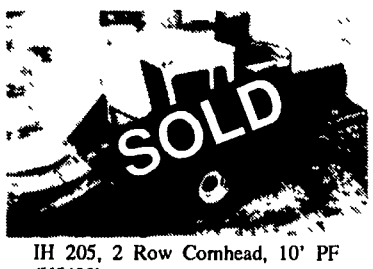


IH 915 w/3132 Hrs., Diesel w/Turbo, Hydro Trans., Has Straw Chopper (U4851)



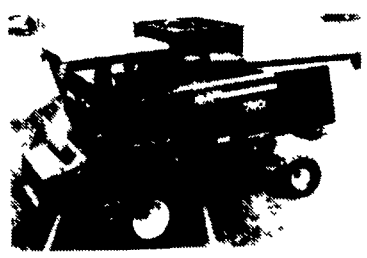
IH 715 Diesel, Gear, 18.4x26 Tires (U3080)

JD 6620, 1800 Hrs., Diesel, 28Lx26 Tires, Cab With A/C, Heat, Auto Header Control (U5465)



IH 205, 2 Row Cornhead, 10' PF (U5422)

IH 1440 Combine, 2760 Hrs., 28Lx26 and 11.00x16 Tires, Auto Header Control, AC/Heater (U4817)



MF 750 1978 Model, Very Clean, Excellent Condition (U5559)

We Don't Import Combines To Resell. All Our Used Inventory Was Traded In By Customers.

- **WAIVER OF FINANCE TILL JULY 1, 1991** (For Use In Small Grain) **OR**
- **WAIVER TILL OCT. 1, 1991** (For Use In Corn/Beans) **OR**
- **8.5% APR FINANCING FOR UP TO 48 MONTHS**

★ **Subject To Credit Approval** ★

- **IH 863 Cornhead** 6 Rows x 30" (U4584)
- **IH 715 Combine** Gas, Gear, Cab (U4078)
- **AC F2, 438,** 4 Row Wide Cornhead, 13' Flex Platform (U5634)
- **Case IH 1660,** 30.5Lx32, 18.4x16.1 Tires, Cab w/Air, Htr., CI Grain Scan, Feeder Reverser (U5568)
- **JD 216 Flex Platform** (U4662)

USED TRACTORS & UNILOADERS

IH 5088, Diesel, Dual PTO, 18 4x38 and 14Lx16.1 Tires, Duals, Cab w/Heat, AC, Weights (W5649)
Case IH 2294 AWD, Turbo, 965 Hours, Cab, 20 8Rx38 Rear Tires (W5571)
JD 4430 Turbo, Power Shift, Cab w/AC, Heat, Radio (W5535)
JD 2440, 2WD, 15 5x38 Rear Tires, JD #48 Loader w/60" Bucket (W5490)
JD 4630, 1000 PTO, 20 8x38 Duals, Front Weights Clean (W5449)
AC 440, w/Cummins 555 Engine, Quick Hitch, 28Lx26 Tires (W5406)
IH Farmall H (W5264)
Oliver 1850 Diesel, 18 4x38 Tires, Weights (W5445)
Steiger ST-300 ST-300 Cougar II, 300 HP, CAT 3306, 6 Cyl., Turbo, 10 Spd. Man. Trans , 20 8x38 Duals, 3 Hyd. Valves, 3 Pt. Hitch w/Quick Coupler, 1975, 3900 Hrs (W5087)
Steiger ST-210 Wildcat III, 210 HP CAT 3208, 8 Cyl., Turbo, 10 Spd Man. Trans , 18 4x34 Duals, 3 Hyd Valves, 3 Pt Hitch w/ Quick Coupler, 1976, 1389 Hrs , New Engine (W5102)
IH 966 Diesel, 8784 Hrs , 18.4x38 Tires (W5109)
IH 1086, With Cab, Duals, 20 8x38 Tires, 540/1000 PTO (W5103)
AC C Tractor, 26 HP Gas, Gear, Tricycle, 540 PTO (W3275)
IH Farmall H, With Belt Pulley, PTO (W5121)
IH Farmall C, Gas, Belt Pulley, 11 2x36 Tires (W4547)
IH F1086 Tractor (W3500)
IH 706, Narrow Front, Gas, 18 4x34 Tires (W4312)
IH 5088, Turbo, 20 8x38 Tires, Cab (W4601)
IH 884, Gear w/TA, Dual PTO, 14.9x38 Tires (W4485)
IH F1066 Diesel, Gear, TA, 540/1000 PTO, 10 00x16 & 20.8x38 Tires, Cab (W4038)
Ford CL 30 Skidsteer, 30 HP, Wis., Gas, Fair Cond. (W4585)
IH 5088 Tractor, With Duals (W4940)
IH 3514 Tractor (W4936)
IH Loader, Model 500C (W4885)
AC CA Tractor, w/6' Rear Mnt. Sickle Mower, 2 Bottom Plow (W5175)
IH 986, 18.4x38 Tires, 3 Remotes, 540/1000 PTO (W5089)
Steiger, ST300, 20.8x34 Duals (W5087)
MF 50, Gas, Gear, 540 PTO, All New 6.00x16 & 12.4x48 Tires, 99 Loader (W4164)
IH 966 Diesel, 18.4x38, 5787 Hrs., 2 Remotes (W4945)

USED TILLAGE

Krause 2416 Disc, Rockflex, Regreasable Bearings, Heavy C-Arms (T5538)
Krause 4924 Disc, 19" Blades, 9" and 10" Spacing, Good Cond. (T5460)
Oliver 253 Disc 13'6", 9" Spacing (T4968)
IH 710 Plow, 6-16" Coulters, Spring Trip Bottoms (T3699)
Tebbir Subsoiler 9 Shank, Leaf Spring Trip (T4947)
JD 235 Folding Disc (T4978)
IH 18' Field Cultivator w/2 Row Tine Harrow (T5046)
IH 37 Disc, 10' Cut w/17" Blades (T5052)
Krause 2413 22' Disc, As Is (T5107)
Krause 12' Disc (T5114)
Brillion 24' Field Cultivator, Hyd. Fold (T5193)
Brillion 10' Packer (T5218)
IH 700 Plow, Semi-Mt. 5x16", Furrow, Cylinder (T4243)
10' Cultimulcher (T2929)
Brillion WP108 Packer, 23' Wing-Fold, 18" Wheels, Transport (T4425)
10' Peg Tooth Harrow With Transport (T4367)
Brillion Packer, 25', X-Fold (T5408)
Kewanee 22' Field Cultivator, Flat Fold, 3 Row Tine (T5167)
Brillion 25' Packer, Crowfoot (T5142)
Krause 2440 Disc, 26' Cut, Rockflex, 10" Spacing (T5127)
Rhino F90 Disc, 21" Spacing, 9" Front, 7½ " Rear (T5271)
IH 475 Disc, Hyd. Blades, Good Blades (T5145)
Krause 1924 Disc, Rockflex (T5319)
Bush Hog 18' Disc, Double Offset, Good Blades, Hyd. Fold (T5552)
White 281 Disc, 10' Offset, 11" Spacing, 17" Blades Front, 19" Blades Rear (T5551)

USED MISCELLANEOUS

IH 3205 Disc Mower, 5' Cut, 540 PTO (U4544)
Woods C114 Mower, Dual Blades, Hyd Transport (U5336)
JD 347 Baler, w/Model 40 Thrower, 540 PTO (U5367)
IH 47 Baler, 540 PTO, #10 Thrower, Runs (U4491)
Fox 656 Blower, 56" Fan, 540 PTO, Fair (U4281)
Rhino 1310 Mower 1000 RPM/PTO, Shredding Attachment (U4740)
Westgo Rockpicker, Hyd Reel & Dump (U5067)
NH Model 315 Baler w/Bale Chute (U5178)
Great Plains Drill Hitch, Pull Type (V4330)
IH 440 Baler (U5269)
IH 3204 Disc Mower, 5' Cut, 540 PTO (U4544)

USED PLANTERS & DRILLS

IH 5100 Drill, 18x7 Double Disc, Grass Seed Attach (V5621)
IH 510 Drill Single Disc, Grass Seed Attach (V5613)
Lilliston 9680 Drill, 18x7 No Till, Grass Seeder, Hyd Cylinder (V5549)
IH 510 Drill Single Disc w/Grass Seeder (V5550)
Krause 5213 Drill, No-till, Rear Wheel Attach , 10 00x15 Tires (V5492)
Case 17x7 Drill Single Disc, Cheap Drill (V4529)
JD FBB 18x7 Drill, Double Disc, Grass Seed, Press Whls (V4382)
IH 5100 21x7 Drill, Double Disc, Grass Seed, Excellent (V4567)
GP 12' NT Drill, 7.5" Spacing, No-Till Hitch, Mid Drill (V4607)
KR 5210 10' Drill, No-Till, 7" Spacing, Excellent Cond. (V4545)
WH 5400 Air Planter, 6x30", No-Till, Insecticide, Good Shape (V3676)
IH 386 Planter, Planter Toolbar, 6x38", Good Toolbar (V9299)
JD 7000 Planter, 8 Row, Folding w/Markers (V4975)
JD 7000 Planter, 8 Row, Folding w/Markers (V4976)
IH 800 Planter, 6 Row Narrow (V5035)
JD 7000 6R Conservation Planter w/No-Till Coulters & Seed Monitor (V5200)
IH 5100 Drill, 21x7 Combination (V4955)
Great Plains 12' Drill (V5376)

USED SPRAYERS

Century 500G Sprayer, 35' Boom, PTO Pump, Plastic Tips (V3361)
JD 300G Sprayer, 30' Boom, Blue Grnd Drive Pump, PTO Agitator Pump (V4123)

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All New & Used Products Backed By Hoober Parts & Service

(717) 768-8231

HOOBER
C.B. HOOBER & SON INC.
INTERCOURSE, PA

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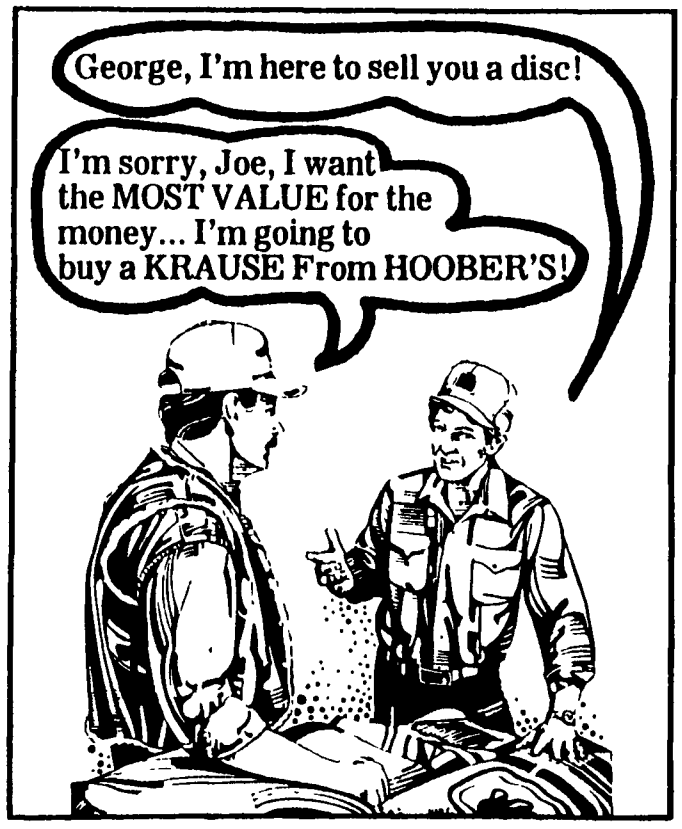
GET THE BEST RESALE VALUE WITH KRAUSE ROCKFLEX DISCS

Whenever A KRAUSE DISC
Sells At Public Auction
It Brings TOP DOLLAR!



TRY A 4900 SERIES TODAY

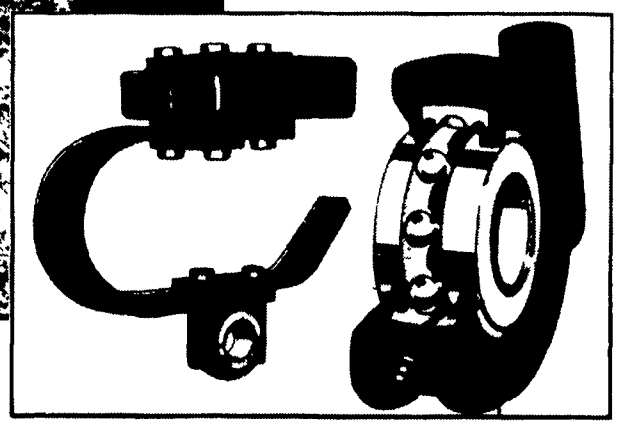
...COMPARE FEATURES
...COMPARE PERFORMANCE
...COMPARE RESALE VALUE

IN STOCK FOR IMMEDIATE DELIVERY

4921 - 18'1" Cut, 175 lbs. per blade
4924 - 20'11" Cut, 160 lbs. per blade
4926 - 22'5" Cut, 158 lbs. per blade
4927 - 25'2" Cut, 154 lbs. per blade

THE "ROCK-FLEX" STORY

"Rock-Flex" arms are C-shaped to flex over obstacles - helping protect disc blades and spools from breakage. "Super Seal" re-greasable bearings are encased in rubber to absorb shock.



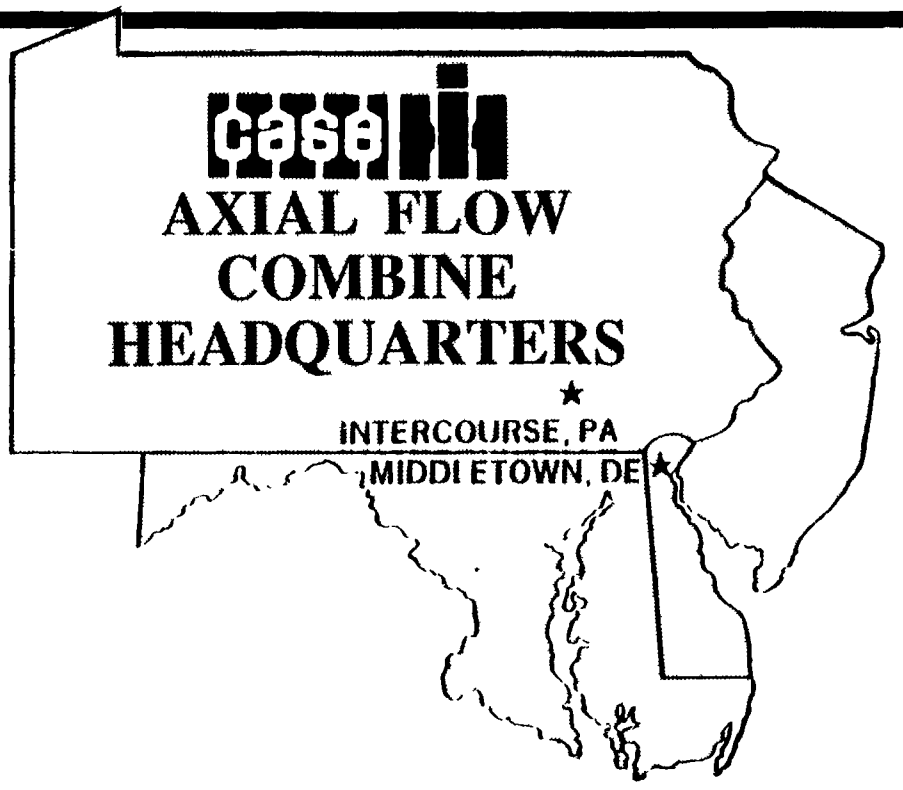
KRAUSE ROCKFLEX DISCS ARE MADE FOR YOUR FIELDS!

C.B. HOOBER & SON, INC.
Intercourse, PA
(717) 768-8231

All New & Used Products Backed By Hoober Parts & Service

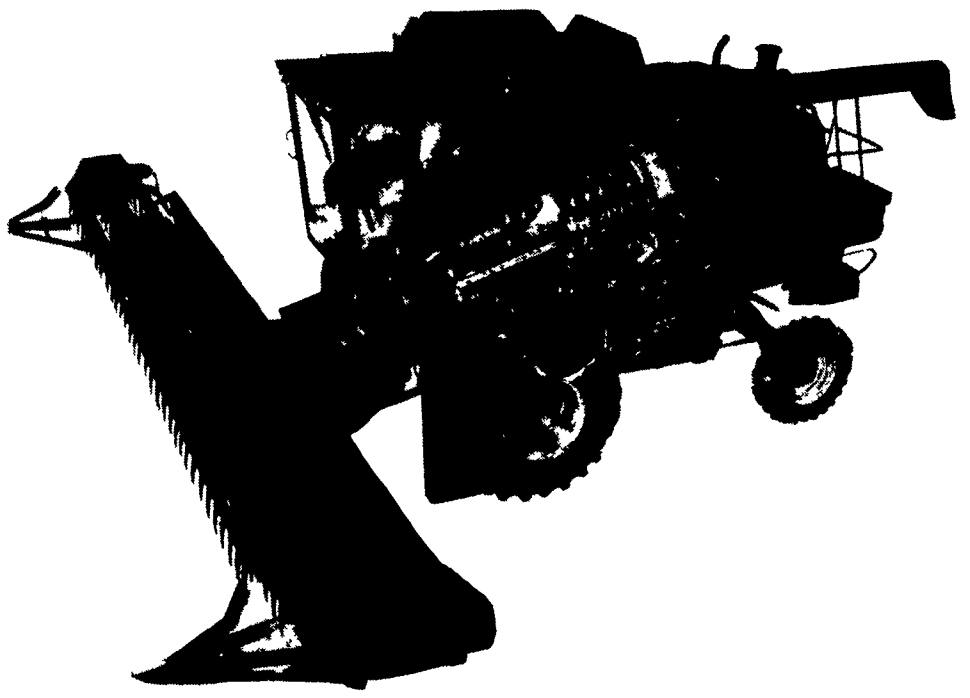
HOOBER
TWO LOCATIONS

HOOBER EQUIPMENT, INC.
Middletown, DE
(302) 378-9555



LESS FUEL PER ACRE... WITH A CASE IH *xpe* AXIAL FLOW COMBINE

For Over 10 Years the Words *AXIAL FLOW* have meant two things: BETTER GRAIN & MORE OF IT. But now, you can add something else to that list: EXTRA POWER and ECONOMY



AXIAL FLOW combines are now powered by the CASE IH NCE engines. These all new "state of the art" engines are designed with more torque reserve and even better fuel efficiency. And that spells more acres and more bushels of grain from every gallon of fuel.

There is a model to match your needs...	MODEL	ENGINE
	1640	160 HP, 359 cu. in.
	1660	190 HP, 505 cu. in.
	1680	235 HP, 505 cu. in.

MAKE YOUR NEXT COMBINE A CASE IH *axial flow* COMBINE FROM THE EAST'S LARGEST *axial flow* COMBINE DEALER...

HOOBER
TWO LOCATIONS
Intercourse, PA
Middletown, DE

- WHERE (5) FULLTIME COMBINE SERVICEMEN KNOW COMBINE PROBLEMS AND HAVE THE EXPERIENCE TO FIX THEM FAST.
- WHERE SERVICE IS CARING FOR A FARMER WITH A PROBLEM.
- WHERE COMBINE PARTS ARE IN STOCK.

case IH

All New & Used Products
Backed By Hoober
Parts & Service

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HOOBER
C.B. HOOBER & SON INC.
INTERCOURSE, PA

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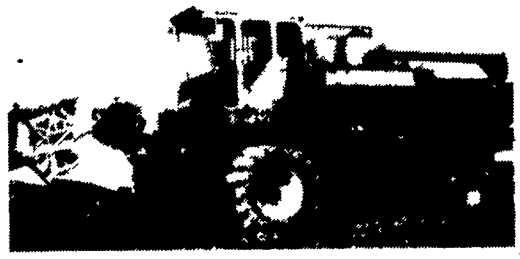
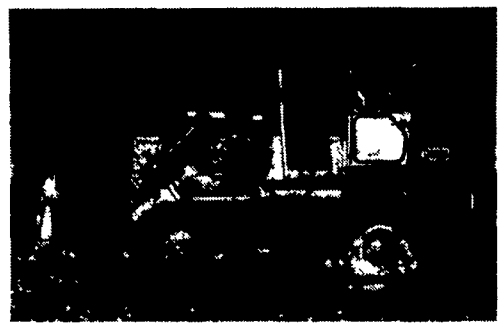
USED TRACTOR & COMBINE PARTS

Large Selection
Save 50%

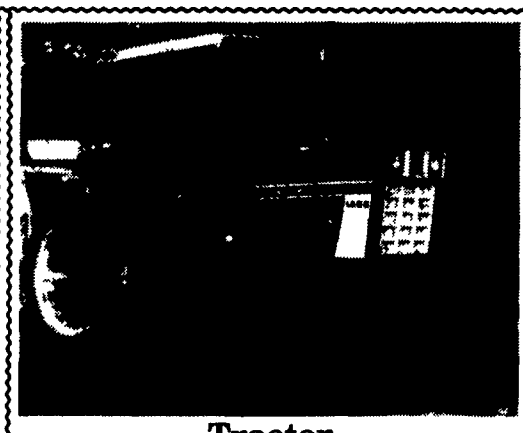
W.C. Littleton & Son Inc.
P.O. Box 169
Laurel, DE 19956
302-875-7445



MF 850 Hydro 2294 Hrs., Chopper 15' Or 20' Flex.
$19,500.00
1163 Corn Head
$5,000.00
717-859-2960 or 717-859-2712



Cat D4D
Power Shift With Fresh Engine, New Under Carriage And Cutting Edge
$13,000
Belmont Farm
301-833-9091



Tractor
Newly overhauled engine and PTO and newly painted
$12,750.00
717-438-3354

Harvest Specials

TRACTORS

** **Ford 5000 Diesel** w/Dunham Loader $8,450
** **Oliver 1855,** Perkins 354 engine, 20 8x38 tires, rebuilt front end, roll guard w/roof $6,950
** **Oliver 1650,** gas, NF, hydro power, 1,975 hrs $4,950
* **IH 460 Tractor,** gas, like new rubber, clean $2,250
** **Mustang 1700 skid steer loader,** torque converter, water cool engine, quick attach bucket $4,650
* **Ford 850,** 5 spd , 14 9x28 tires, big hyd pump $2,650

Harvesting Equipment

** **JD 3960 base unit** electric, long tongue, like new knives, 3RN head, 7½ ' hay head ~~$10,850~~ $10,250
* **JD 3800 harvester** w/hay head $1,850
* **NH Super 27 blower,** heavy PTO, excellent $1,250
* **NH 320 baler** w/belt thrower, field ready, recent trade $5,250
** **Fox hay head** $275
** **AC 430F** 4RN snapper head w/adapter for Field Queen $1,975
** **Gehl 300** w/2RN corn head $950
** **Fox 6200 chopper,** Perkins engine, cab & air, 4WD, 3RN head & hay head ~~$16,000~~ $16,250
** **NI 486 Round Baler** w/Endless belts, extra nice $7,250
** **NH Hay Head** fits 717 & 770 harvesters $585
** **NH 315 Baler** w/hyd. tension, bale chute extra clean, shed kept $3,950
** **Badger** 3 beater forage wagon, 16', 12 ton gear, like new ~~$6,250~~ $5,950
** **Grimm** PTO 7' tedder $895

Planting & Tillage

* **JD no-till drill** #1550, 12 disc, 8" Spacing $3,650
* **IH 510 drill,** double disc, grain & grass hoppers $2,995
* **Oliver 3 btm. plow, cushion trip, heavy frame** $675
* **White 3 btm.** reset plow $1,895
** **Tye 80"** no-till, 3 pt seeder, grass seed & small grain $2,550
* **Oliver #76 17 disc drill,** grass seed, excellent $850

Manure Handling Equipment

** **MF 235 Loader,** Manure bucket fits 135, 235, TO30 $1,375
** **NH 679 Spreader** SOLD ple beater w/pan
* NI #9 Spreader, ol-an & original $585
** **NI 244 Spreader,** SOLD upper beater $2,550
* **(2) NH Endgates** for 316 or 676 spreaders, like new $275

Miscellaneous

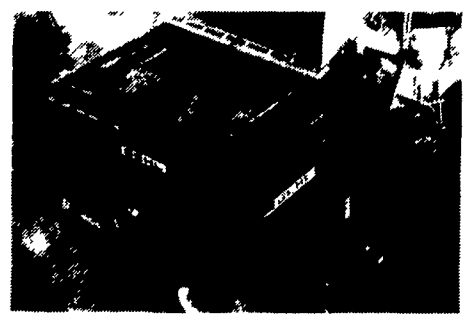
* **V Plow** fits IH loaders $250
* **Snow Plow** for trucks or heavy duty front end loaders $495
** **Horst heavy duty wagon gears** in stock, 7 ton, 9 ton, 13 ton, 14 ton & 16 ton Call For Price
* **NH 352 grinder m** SOLD rn sheller $1,850
** **Farm Hand** grinder mixer w/auger hopper $1,850

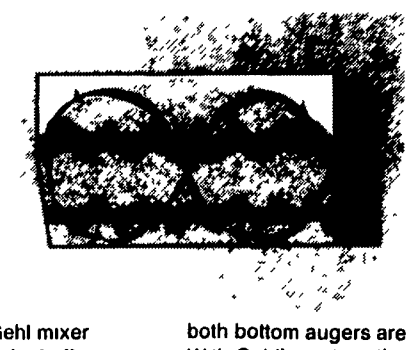
*** Special***
215 Bu. Country Boy Bin w/8 Ton Gear, New Tires & Adjustable Tongue...$1,425
(1) Buffalo Valley Elevator, 36', closed bottom w/62 chain...$2,050

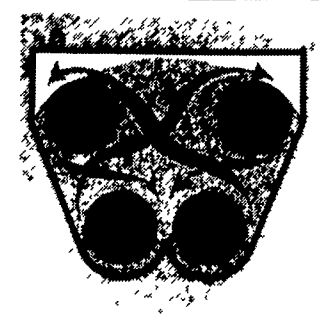
D.J. IMPLEMENTS OF PA & VIRGINIA

* PA Sales Lot ** VA Sales Lot
Call Alvin Martin Early Mornings or Evenings Till 7 p.m.
717-949-3074
or Dan Rhodes
(same time)
703-879-9926

Umbergers of Fontana is your Headquarters For GEHL TMR MIXERS



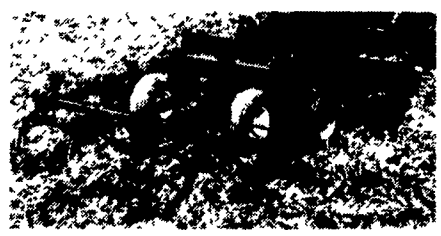




Fast, thorough mixing. . . .even with baled hay. Gehl mixer feeders deliver excellent mixing action in all crops **including baled hay.** Specially designed notched augers make the big difference This four-auger system moves feed ingredients in a double figure-8 (both horizontally and vertically) as they tumble, churn, fold and blend for more complete mixing And both bottom augers are adjustable for longer usable life With Gehl's system, the feed converges to one point for a complete, fast, thorough mix of all ingredients And a Gehl mixer feeder requires minimum horsepower to do the entire mixing job in less time

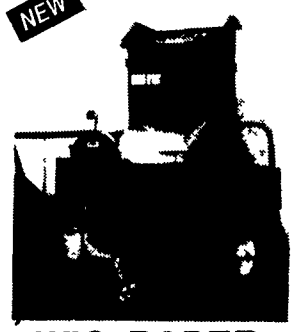
IN STOCK! **GEHL 7210 TMR MIXER W/SCALES**
• 210 Cu. Ft. • Planetary Gear Drive • Demo
• 0% Financing for 18 Months or Waiver July 1, 1991
CALL FOR DETAILS!

JUST ANNOUNCED! **NEW GEHL ST7150 STATIONARY MIXER**
• 150 Cu. Ft. • Ideal for 40-50 Cow Herds!
CALL TODAY FOR MORE INFO!

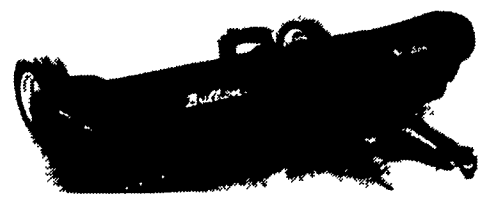


BRILLION 9 SHANK SOIL BUILDER - CHISEL PLOW
• Hyd. Sheer Adjust
• Available for Demo or Rental

NEW



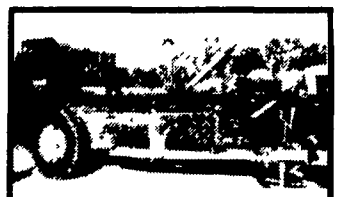
WIC PAPER SHREDDER
• 11 H.P.
• Double Belt
CALL FOR A FREE DEMO!



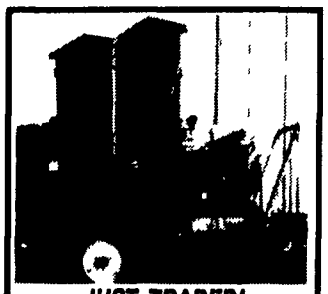
BRILLION 15 FT. FLAIL SHREDDER
• Aux. wheel kit • Center cut kit
Just right for shredding stalks
ONE LEFT AT OLD PRICE!

IH (ARTSWAY) 300 TMR MIXER
• With scales

GEHL MX100 GRINDER/MIXER
• Hyd. Drive • 7½ Ft. Extension
• Waiver 4/1/91
CALL FOR DETAILS!



NEW HOLLAND 517 SPREADER W/HYD. GATE
• Gratz Web
• Nice Condition



JUST TRADED!
WIC STRAW CHOPPER
• 7HP • Quick-change Knives

BUSH HOG · Brillion · KUHN · GEHL · Killbros · NI NEW IDEA · DION · Kewanee · HESSTON · Houle · WIC

Umberger's Of Fontana, Inc.
Rt. 4, Box 545, Lebanon, PA 17042
3 miles E. of Hershey on Rt. 322.
717-867-5161
"Serving the Agriculture Community Since 1932"

— Notice —

Is that piece of equipment or tractor still not working?

Maybe you should give us a call! We try to fix almost anything if you give us a break! Also aluminum and stainless steel welding, fabrication work and machining.

MILLERS WELDING
Route 372
Christiana, PA 17509
Answering Service (215) 593-6112

4006 Deutz, dsl., good rubber
MF 135 diesel w/new engine block, good rubber
MF 175 diesel, 8 speed, good rubber, engine overhauled
MF 165 diesel, good shape w/38" rubber, WF
Oliver 1850, diesel, w/good rubber
62 HP Perkins diesel w/torque converter
MF 235 loader
12' Brillion cultipacker
HD 3 pin scraper blade

MF Tractor Parts Dismantling: 20, 30, 35, 40, 50, 65, 85, 90, 150, 165, 175, 178, 180, 1080, 1130, 1135, 1150 w/cab

Jonas W. Nolt
403 Centerville Rd., Newville, PA 17241
717-776-6242 No Sunday Calls
No Out-Of-State Personal Checks

1 FARM EQUIPMENT

Martin Tractor

866 Greenspring Rd., Newville, PA 17241

Used Tractors

IH: 340; JD: 70 gas; 3010 diesel; Massey Harris: Pony; MM: U302 diesel; Oliver: 770.

Currently Dismantling Tractors For Parts

AC: B, WC, WD, D14, D15, D17, D19, 5040, XT190, 200, 7030, 7040; DB: 990, 1210; CASE: VAC, SC, DC, LA, 430, 600, 700, 730, 830, 870, 970, 1030, 1070, 1270, 1370, 1410; DEUTZ: 5506; 9006; FORD: 9N, Jubilee, 851, 971, 3000, 4000, 5000, 6000, 8000, 9600; IH: H, M, MTA, Super C, WD9, 200, 240, B275, 300, 350, 400, 404, 450, 460, 504, 544, 560, 584, 656, 666, 706, 756, 806, 826, 856, 966, 856, 966, 1066, 1206, 1256, 1468, 1586; JD: A, B, 40, 50, 60, 70, 420, 520, 530, 620, 630, 720, 730, 1020, 1520, 1530, 2010, 2020, 2040, 2510, 3010, 3020, 4010, 4020, 4030, 4230, 4320, 4430, 4630, 5020, 6030, 8430; Long: 460; MH: 44; MM: 4 Star, 5 Star, Jetstar 3, 445, 602, 670, GVI, G900; G1000, G1000 Vista, G1050; Oliver: Super 55, 60, 66, 70, 77, 88, 770, 1450, 1550, 1600, 1650, 1750, 1755, 1800, 1850, 1855, 1950, 1955, 2050.

717-776-7542

MON-FRI	**8-5**
SAT	**8-12**
No Sunday Calls	**Will Ship UPS**

No Out Of State Personal Checks

All Combines Sold— Free Parts For One Season If In Our Parts Lot.

Dismantling For Parts:

Combines	Harvesters	Planters
Cultivators	Haybines	Plows
Discs	Mowers	Spreader
Drill	Pickers	Tractors

IH 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 82, 80, 76, 74 JD 7720, 7700, 6600, 4400, 3300, 105, 95, 55, 45, 40 MF 760, 750, 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26 AC Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66 Oliver 7600, 545, 535, 525, 430, 40, 35, 33 NI Uni, 710 Combine, Huskers, 705, 702, 701, Combine shellers & harvesters Case 1160, 960, 700, 660, 600 NH 1400, 975, 985, TR70 MM 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers, JD 7720, Motors, transmissions, tires, corn & grain heads

Financing or Lease Available

COMBINES
55 To Choose From

JD 7700 diesel gear w/heads
JD 6620 hydro, diesel, level land
1979 JD 4400 diesel w/ heads
JD 4400 diesel w/heads
1979 JD 4400 diesel, choice of heads
(3) JD 6600 diesel rotary screen w/grain head choice, $7,000 ea
JD 4400 diesel w/grain head, $6,950
JD 6600, diesel, hydro w/ heads
JD 3300 diesel w/grain, choice of 3R 30" or 2R 38" corn
JD 3300 gas w/heads, needs motor work
JD 55 w/ SOLD $2,000
JD 55 sq back w/grain head & 30" 3R corn
AC F2 diesel, choice of head SOLD
AC FKS dsl w/heads $7000
AC C2 diesel w/grain 4R 38" & 4R 30"
AC late C2 w/grain & 4R corn, $3,950
(2) AC F-2 diesel w/heads
AC F diesel hydro, real nice
AC F diesel, new motor w/ heads
AC G w/grain & 6R 30" & 4R 38" head, real nice
AC K w/heads w/grain & 3R 30" or 2R 38"
Gleaner E 10' grain
MF 510 w/4R 30" & grain
(2) MF 510 diesel w/head
MF 410 diesel quick tach w/ heads
Massey 60 w/10' grain
(4) MF 410 diesel w/heads
MF 750 hydro, turbo diesel w/grain, choice of 6R 30" or 4R 38"
MF 510 diesel, hydro w/ heads
MF 410 dsl, hydro w/heads
MF 300 gas w/heads
MF 300 diesel, quick tach w/ heads
MF 35 S/P w/8' grain head
IH 91 8' grain
IH 93 w/10' head, nice
IH 93 w/10' grain & 2R corn, $2500
IH 715, gas, w/heads
IH 715 hydro diesel w/heads
IH 815 hydro diesel late low profile w/6 or 4 row & grain
IH 915 low profile diesel hydro, real nice
IH 141 w/12' grain, 2 row corn, 1 owner, nice
IH 1460 axle flow w/6R 30" corn & 820 flex head, real nice
IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
IH 715 hydro diesel w/grain & corn
IH 715 hydro diesel w/ ate heads
Late IH 715 w/German diesel & heads
NH TR70 Ford diesel, choice of heads
NH TR70 Cat diesel, 4 row 30", 13' grain

TRACTORS

Cat 933 F series crawler loader
MM 5 Star, 3PT, PS
Massey 33 w/loader
Kubota B6000 E, lawn type, diesel, w/3PTH
Case SC w/loader, nice
Case 430 w/loader
1952 Ford 8N new tires
Ford 8N, good tractor
1952 Ford 8N hour meter, real solid tractor
IH 1456 diesel, WF
IH 856 dsl WF
IH 826 diesel gear, WF, $5800
IH 4366 new motor, 3PT, 4WD, duals front & back
IH 340 low utility WF, PS
IH 450 w/power steering
JD 2010 gas 3PT
JD 1520 gas
(3) JD A late models
Farmall Super H, good paint
IH 3444 ind diesel w/loader & 3PT, $5,500
AC 210 diesel jumps out of high gear, $6500
AC WD, gas
AC HD5 crawler/loader
AC C w/side mtd mower
AC D17 diesel, WF & loader
AC HD5 diesel crawler loader
Farmall 560 diesel, WF w/ turbo, nice
Farmall 460 gas, WF, nice
Farmall 656 gas, NF, nice
Farmall 450 gas, power steering
Farmall Super MTA
Farmall 230 w/fast hitch
1939 Farmall H, $1175
Farmall Super MTA
Farmall H
(3) Farmall F14, 2 w/ mounted plow
Oliver 770 gas, WF
Oliver Super 88 WF
Oliver 88 gas
Oliver Super 66 WF
Oliver 66 gas, nice
Oliver 1655 diesel, WF, $4,500
Oliver 60 & 66, nice
Oliver OC3 crawler w/PTO & pulley
Oliver crawler w/roll guard
IH 3444 industrial dsl w/3PT & loader, $4,500
IH 806 diesel, WF
IH 504, power steering, 3PT
IH 400 Dsl w/power steering
C Allis w/belly mower
Ferguson 30, 3PT, $1,950
Steiger Wild Cat w/210 HP, Cat 4WD 3PT duals front & back
Super C w/fast hitch

LOADERS

AC fits D19
AC fits D17
(3) Fords w/hyd bucket
Snow blades for loader or front mounted
IH HD fits IH 350 utility
IH fits Super M
JD 46 loader
JD 45 w/mts
Late Oliver White w/wide bucket
NI w/wide bucket
Sauder fits Ford 800 8N & 9N

SPREADERS

NI late 243, nice
NI 214 w/gate
NI ground drive, nice

MOWERS/ ROTARY MOWERS

AC trailer type belt drive
(2) JD 6' pull type
Woods SOLD pull type
Ford 6' pull type
20 New 6' 3PT IHMC
3 pt 6, 7 & 8'
Also pull types
Rotary mower
Brillion 6' pull type
Ford 7' 3PT
IH 3PT belt drive

CORN PLANTERS & DRILLS

PLOWS

IH 700 5x16, auto reset, $2500
IH 700 5x16, auto reset, $2450
IH 3PT 3x16, $525
JD 3PT 3x14, $325
JD 3PT 3x16, $625
JD 5x16 semi, $1350
JD 3 bottom 16" 3PT, $450
IH 4x14 semi, new bottoms, new paint, $750
JD 5x16 semi, $585
IH 700 5x16 semi, $1350
IH 650 6x16 semi, $1200
IH 550 5 bottom 16" good shape
JD F-145 5x16 semi, $800
AC late moto frame 6 bottom 16", nice
AC 4x14 SP-coupler, $400
AC 4x SOLD $500
JD 4x14 semi, $675
IH 5x16 semi 550, $675
Oliver 6x16 on land, $1450
JD 4x SOLD $385
JD 4x14 3PT, $425
Oliver 3x16 pin trip, $375
Massey 10 tooth chisel plow, $2500
White 8 tooth chisel plow, $1950
Brillion 10' wheel harrow, $575
Brillion 16' SOLD wheel harrow $900
JD 12' roller harrow, $1375
IH 12' roller harrow, used very little, $3500
IH 315 12' roller harrow
Case 5 bottom 18" w/on land hitch, clean

HAYBINES & RAKES

BALERS

NH 847 round baler, 4' bale
NH 850 round baler, $2450
NH 852 round baler auto wrap
NH 276 w/thrower, $3500
JD 410 round baler 4' bales, nice
JD 336 w/no thrower
JD 24T w/thrower
IH 2400 round baler, real nice, $3500
Hesston 5600 round baler, $3975

MISC.

(3) IH semi & trailer belt drive
IH fast hitch mower
JD 4R tool bar cultivator, $375
JD 350 3PT mower
NH 456 pull type mower w/ crimper hitch
Case 3PT
IH & JD mowers

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blaces
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert Spreaders
Cement Mixers

GRINDER/MIXER

(2) Gehl grinder/mixer
IH 1150, real nice

DISC HARROWS

JD TWA plowing disc, $2850
JD RWA 12' wheel type, $750
JD 8' wheel type, $650
Case 8' wheel type, $575
IH 12' wheel type, $750
JD 8' wheel type, $600
IH 500 HD 13', $3500
Athens 12' wheel disc, $1575

CORN PICKERS

NI 319 2R mounted w/12 roll bed Ford mts
NI 324 2R 38" 8 roll bed
NI 324 2R 8 roll bed
NI 324 2R 12 roll bed
NI 12 roll husking bed, $1150
NI 12 roll husking bed, $975
NI 10 1R, nice, $1450
NI 10, 1R
(2) NI 7, 1R
Farmall 460 w/IH 2R mtd picker
Ford 3PT blue, $500
IH SOLD
Woods Brothers 1R pull type
Oliver 83 2R 30"

HARVESTERS & UNLOADING WAGONS

Gehl 6' flail chopper
NH 880 w/2R head, nice
NH 770 w/2R head
(2) NH 33 flail chopper
NH 36 flail chopper
JD 38 w/pickup
JD 35 w/2R head
JD 216 tandem wheel unloading wagon
(2) JD 16A 6' flail chopper
JD 38, 2R, & pickup, $1,500
Kaster, 3 beater w/roof, same as IH, next to new
IH 720 w/2R 38" or 30" corn head, nice
IH 720 w/2R head
IH 550 w/heads
(2) IH 550, 2R, & pickup, $500
IH 7 flail chopper
NI 768 WN 3R 30"-38" head
AC 780 2R chopper w/ pickup
Coby 3 beater unloading wagon w/roof
Badger 3 beater, roof unloading wagon

WIDE FRONT ENDS & DUAL WHEELS

EXTRA CORN HEADS & GRAIN HEADS

AC M or L 6R 30" black, 4R 30" & black 4R 38"
AC M or L 15' flex black
NH grain flex or rigid
MF 4R 30", 4R 38" & 3R 30"
MF grain 13'-16'
JD 3R 30" corn fits JD 45
JD grain fits 3300, 4400, 6600 & 7700, 10'-16'
IH grain 815, 915 & corn 815, 915, 4R 38", 6R 30"
Heads for beans & sunflowers JD 4R 30", JD 4R 38"

SAFEMARK DEALER

TRIPLE H EQUIPMENT

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(2) LS 400M Sprayers, 28' Booms
(3) LS 630M Sprayers
(1) LS 1910T Sprayer
(1) LS 3010 Sprayer w/45 Ft. Hyd. Fold Boom
(10) Seeder/Spreaders
(1) 9-Wheel Rakes
(1) CM 240 Disc Mower
(1) KM 321 Mower Conditioner

New Dealer For

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Economy tractors

(1) Power King 1618 Tractor w/60" Mower

MISCELLANEOUS

(1) Pull Type Spin Spreader, 3600 Lbs
Pequea 9x18 Bale Throw Racks
Land Pride 120" Rotary Cutter
Befco 70" Flail Mower
Befco 50" Tiller
Special - Befco 72" Finishing Mowers
Dual 48"x8" Trencher
Post Driver, 3 Point

NEW MASSEY-FERGUSON

(1) MF 231 Tractor
(1) MF 240 Tractor
(1) MF 253 Tractor w/Loader
(2) MF 1020 Hydro w/Loaders
(1) MF 1030 Tractor
(2) MF 1035 Tractors
(1) MF 1045, 4WD w/Loader
(1) MF 822 Round Baler
(1) MF 828 Round Baler
(1) 10 Ft. Rotary Cutter
(1) 15 Ft. Rotary Cutter

Vermeer

(1) No-Till 107 Grain Drill - Rental
(1) 147 Grain Drill - New
(2) 147 Grain Drills - Rentals

USED BALERS

(1) 605 E
(2) 605 F
(1) 503I Silage

(4) Pull-Type Silo Wrappers
(1) 3 Pt. Silo Wrapper
(1) Wrap-Around Wrapper

USED EQUIPMENT

(1) International 1300 3 Pt Mower
(1) 500 Gal Century Sprayer w/Marker- Excellent!
(2) MF TO-30 Tractors
(1) MF 10 Ft Disk Mower
(1) Ford 3000 Tractor w/Loader
(1) Vicon Pull Type Spreader, 3600 Lbs.
(1) Kuhn GRS-25 Tedder Rake- Excellent!
JD 1209 Mower Conditioner
(1) KM 281 Mower Conditioner

(1) 107 Drill - Special $5,500!

DISMANTLING TRACTORS FOR PARTS

IH TD5 Crawler, 3414, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 704, 674, 664, 660, 656, 574, 560, 544 Hydro, 504, 404, 460, 450, 444, B 414, 400, 350, 340, 300, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12 JD M, 4020 dsl, 4010, 3020 dsl, 3010, 2020 Dsl, 2010, 720, 70, 60, 50, A, B AC 190XT, 180, D14, D15, D17, D19, WD, WC, CA, C, B MF 1155, 90, 85, 444, 333, 175, 65, 44, 33, 30, 20 Case 600, 530, 300, DC, SC, VAC Ford 6000, 5000, 4500, 4100, 4000D, 960, 861, 860, 800, 600, 641, 600, 8N, 9N Ford major Oliver OC3 Crawler, 1800, 880, 770, 88, 77, 70, 66, 60 MM U, MM 5 Star, MM Jet Star 3, MM 335, MMG 1000, R, Z E3 Coop, David Brown 990 New Field & 345 Leyland

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Deutz-Allis Model T816 w/48" Mower	$2,600
Ford Model YT 12.5 w/38" Mower	$1,500

USED FARM EQUIPMENT

TRACTORS

Deutz Model 8006
Farmall Model H
Farmall Model C w/attachments
Ford Model 1220 FWD (25 hours)
IH Model 2500B Tractor w/¾ Yd. Bucket (Gas)

FORAGE EQUIPMENT

NH Model S23 Blower
NH Model 25 Blower
NH Model 28 Blower
NI Model 620 Blower
Hesston Model 2000-100 Harvester w/Elec. Controls, 2 Row Wide Head & Pickup Head
NH Model 717 Forage Harvester
NH Model 770 Forage Harvester w/2 Row Wide Cornhead, Hay Pickup Head
NH Model 770R2 Cornhead
Badger Forage Wagon - 3 Beater w/Roof
Papec Forage Wagon - 2 Beater w/Roof

MISCELLANEOUS EQUIPMENT

Agway Trail Sprayer
Bush Hog 305R Mower w/Slip Clutch
Bush Hog Model 306R Mower w/Slip Clutch
D/A Model 385 Corn Planter - 4-Row Air-No-Till
Ford 4 Bottom 14" Mounted Plow
I.H. 3 Bottom Trail Plow
Cab Enclosure for N.H. Models L-225, L-425, L-445 Skid Loaders

HAY EQUIPMENT

A/C Model 444 Baler w/Thrower $1500
IH Model 440 Baler w/Thrower $1,000
JD Model 24T Baler
NH Model 268 Baler
NH Model 855 Round Baler
NH Model 70 Thrower F/310 & 273
NH Model 1030 Bale Wagon (Automatic)
NH Model 56 Rake
NH Model 256 Rake
Pequea Tedder (9')
Hesston Model 1014 Hydro-Swing (for parts)
NH Model 411 Discbine
NH Model 479 Haybine
NH Model 495 Haybine (12')
NI Model 512 Hydra-Steer Mower Conditioner

MANURE SPREADERS

Badger Model 200
IH Model 530 w/New Sides
NH Model 329 w/New Chain
NI Model 213 w/Endgate
NI Model 213 Flail
NI Model 212 Flail
NH Model 679 w/Endgate & Splash Guard

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NH Model L-425 Skid Steer w/60" Bucket & 54" Manure Fork
NH Model L-445 Skid Steer w/60" Bucket

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Ford 4420 Gas
Ford 4400 G
Ford 555 A TLB w/Loader
AC 185 w/Ldr.
Ford 3000 D
AC 7000 w/ROPS
Ford 4000
B 7100 IIFD w/60" Mower
Case 1194 w/Cab
Kubota G 4200 w/Mower
Farmall H Tractor
Case 611 B

TRACTOR LOADER BACKHOE

NH 454 Skid Loader
AC 540B Art Loader
NH 445 Skid Loader
Case 480C, TLB
Ford 555A, TLB

RAKES

NH 260
Pequea 710 Tedder

SPREADERS

IH 575
S676 Fox
NH 308
NI Spreader
JD Spreader

MOWER CONDITIONERS

NH 1495 Haybine w/Head
(2) NH 495 12' Haybine
890 A Auger Base
890 WPU
MF 925 Mower Conditioner

MISCELLANEOUS

NH #8 Wagons
Badger 716 Forage Box
NH 358 Grinder Mixer
Cat 933 Crawler Loader
Bearcat Flail Chopper

PLANTERS

AC 333 No-Til, 4 Row
AC 385 No-Til, 6 Row, Air

MOWERS

Triumph Hydro Clipper
Beaver P10 Boom Mower

FORAGE EQUIPMENT

(2) Dion Forage Wagon w/ Gear
7140
Int. 830 w/Corn Head & WPU
822 Head
NH 900 Harvester w/4RN & WPU
Gehl 1200 Harvester w/3RN & WPU

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Bushog Rts 62-03 Tiller
Ford LGT 165 w/50" Mower
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Simplicity 4041 Tractor w/Mower
AC Big 10 w/40" Mower
Ford LTD 11 H.P.
Bolen Lawn Tractor
Cub Cadet 1650 w/50" Deck
Howard Pro 72 w/Mower

BALERS

NH 310 w/Motor
Thrower 75
NH 276 w/Thrower
(2) NH 269
NH 90 Bale Handler
NH 311 w/Motor
NH S68
NH S67
NH 320 w/Thrower
NH 271 Baler
JD 336 w/Engine
NH 283 Baler
NH 310
NH 270
NH 851, Auto Wrap Baler

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- 1920 Tractor w/Loader
- 2210 Tractor
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- 3930 Tractor, Cab, Shuttle
- 4630 Tractor, Shuttle Trans.
- 6610 Tractor
- 7710 Tractor
- 3910 Tractor
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NH EQUIPMENT

- 565 Baler w/72 Thrower
- 570 Baler
- 575 Baler
- 256 & 258 Rakes
- 488 Haybine
- 492 Haybine
- 411 Discbine
- 630 Round Baler
- 848 Round Baler
- 40 Blower
- 790 Harvester
- 213 Spreader
- 329 Spreader
- 514 Spreader, 177 Bushel
- 520 Spreader, 217 Bushel
- 680 Spreader, 287 Bushel
- 304 Slurry Spreader
- 305 Slurry Spreader, 1225 Gal.
- 791 Spreader
- 795 Spreader
- 716 Forage Box w/612 Wagon
- 132 Bale Elevator
- 2000 Square Baler

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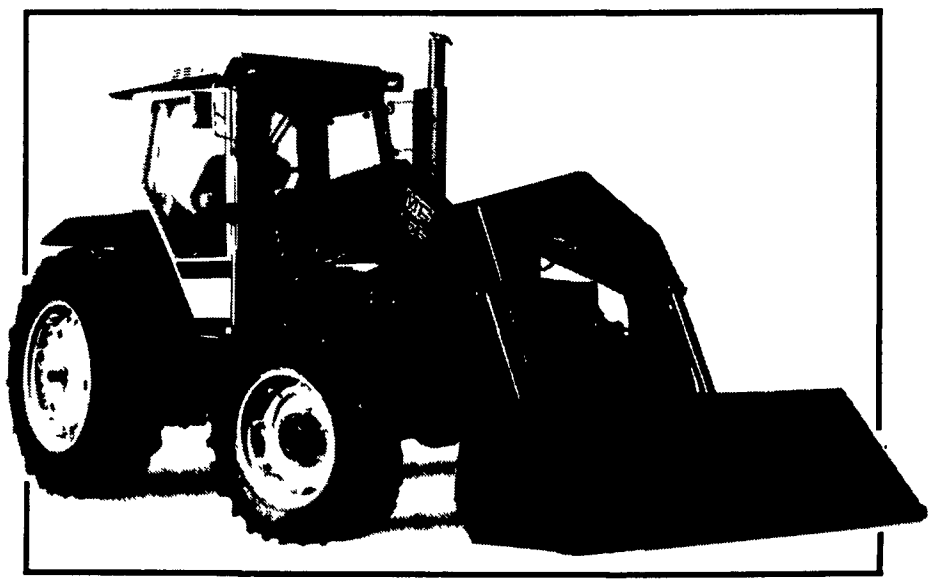

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- Case 580B Tractor Loader Backhoe
- IH Hydro 84 Tractor
- MF 2705 Tractor - Cream Puff
- MF 50 Tractor
- MF 245 Tractor w/Woods Mower
- Oliver 77 Tractor
- AC Tractor, Loader, Backhoe
- MF 11 Loader
- MF 410 Combine
- MF 510 Combine
- NH 474 Haybine
- NH 411 Discbine
- NH 463 Disc Mower
- NH 462 Disc Mower
- NH 442 Disc Mower
- Kuhn Disc Mower
- IH 550 Spreader
- JD 350 4 Bottom Hyd. Reset Plow
- Sweepstar Broom for Skid Loader
- Howard Roto-vator
- MF 1017 Backhoe, 3 Pt.

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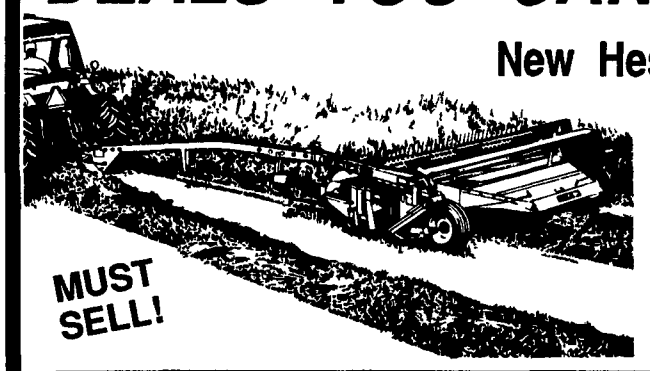

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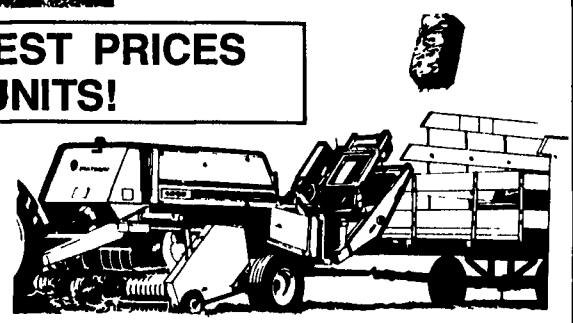

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JD 2940 w/JD 148 loader
JD 1520 utility
JD 830
JD M w/snow plow
JD 2440 utility
MF 1085
MF 180 Diesel
Ford 550 loader backhoe
JD 650 tractor, 4WD, w/mower

HAY EQUIPMENT
Hesston 1091 Mower/Conditioner
JD 35 harvester w/1R head
JD 244 Snapper head

MISC EQUIPMENT
JD 675 B Skid Loader
GT 370 grain dryer
JD 7200 4R planter, rental unit
Oliver 546, 6 bottom trip plow
40 KW PTO alternator
Schwartz QT 1800 loader
JD 4200 3 bottom, rollover plow
NI 327 2 row picker
Tye 8' no-till drill rental unit

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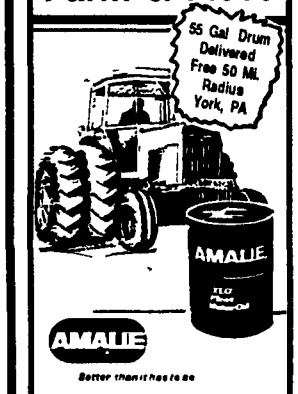

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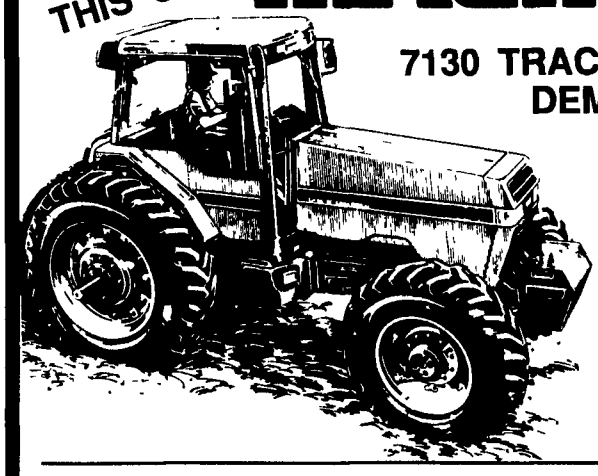

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NI 802 Unisystem Tractor w/717 Uni Combine And More!
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Farmall Super C Tractor w/ Cultivator
Hesston 4600T Baler w/4600BT Thrower
Case 1816C Skid Loader w/Bucket And Fork
NI 406 Hyd. Drive Hay Rake
Farmhand 817 Feed Grinder
Case 308 3-Bottom Plow
363 Manure Spreader Box w/ Single Beater
Woods Cadet "Bush Whacker" Mower
David Brown 990 Tractor
JD 8250 Grain Drill
Hesston PT10 Haybine
Case 970 Tractor
Case 2290 Tractor
NI 106 Spin Spreader
415 15-Ft. Packer Mulcher
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- Case 995
- Case 930 Tractor
- Case 430
- Case 1030
- Case 1370 w/Cab
- IH 2500A Tractor
- White 2-105 Tractor w/Cab
- David Brown 990 w/Loader
- David Brown 990
- David Brown 1210
- Int. 544
- Int. 656 Gas
- Int. 826 Tractor
- Farmall 300 w/Loader
- Agri Power 8000
- Ford 4000 Tractor
- Ford 2000 w/Side Mounted Industrial Mower
- Ford 8N
- Hesston 60-66

LOADERS
- Case 450 Dozer
- Case 1530 Uni-Loader
- Case 1825 Rental
- (2) Case 1835B Uni-Loaders, Diesel
- Case 1830
- Case 1845 Diesel
- Case 1845C Loader
- Case 580D Loader Backhoe- Like New!
- Case 1830 Uni-Loader
- NH 445 Skid Loader

TILLAGE
- Int. 2-Bot. Trailer Plow
- Ford 5-Bottom Plow
- Int. 6500 11-Tooth Soil Saver
- Case Soil Saver — 7 Tooth
- Case 16" Reset Plow, 6 Bottom
- Case Disc Harrow, 10'
- JD 210 Disk
- AC 16 Ft. Wing Disk
- JD 710 7-Tooth Soil Saver
- Kawanee 10 Ft. Disk
- Oliver Disk
- Used Cultipacker

HARVESTING EQUIPMENT
- Hesston 2000-150 Harvester
- Hesston 2000-100 Harvester
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 744N 4-Row Head
- NI 768 3-Row Head
- NI 705 Uni-System
- NI 709 Uni-System
- NI 315 Sheller
- NI 727 Husking Bed
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- NH 790 Harvester, 2RN, 6 Ft. Pickup
- Int. 234 Picker
- Badger Forage Box

HAY EQUIPMENT
- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- NI 404 Rake
- Hesston 3700 Tedder/ Rake
- (2) Hesston 1014 — Windrowers — 12' & 14'
- Hesston 1090 Wind-rower
- Hesston 1091 Wind-rower
- Case 650 Windrower
- IH 46 Baler
- JD 336 Baler
- NI 456 Round Baler
- IH 27 Baler, For Parts
- IH 445 Square Baler
- NH 78 Baler
- NH 271 Baler

MISCELLANEOUS
- NH 36 ft. Elevator
- NH 40 Ft. Elevator
- King Wise 28' Elevator
- Gehl 99 Blower
- IH 56 Blower
- NI Blower
- Automatic Roller Mill
- Peerless Roller Mill
- Farmaster 150 Mixer
- Scavenger 1674 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 218 Spreader
- NI 224 Spreader
- NH 353 Spreader
- HM 1674 Spreader
- 1257 Martin Spreader, Like New
- Gehl 350 Spreader
- Gehl 250 Spreader
- NI 243 Spreader
- JD 54 Spreader
- 500 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
- Ontario Drill
- Tye No-Till Drill
- JD FB-B 17 DD Drill
- JD 8300 Drill— Soybean Special!
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PLANTERS
- JD 1240 6-Row Planter
- IH 4-Row Corn Planter
- Brillion Seeder/Packer

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New 489 Haybine
New 488 Haybine
New 472 Haybine
New 308 Manure Spreader
New 716 Forage Box
Used 479 Haybine
Used 272 Baler w/SS
Used 273 Baler w/SS
Used 273 Baler w/ Thrower
Used 315 Baler w/ Thrower

OTHER TRACTORS
New Bolens H152 Dsl.
New Bolens H174 Dsl.
Used Case 611 B Tractor

OTHER EQUIPMENT
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New Ford 133 High Clearance Chisel Plow
New Ford 101 Moldboard Plow 3B x 14"
New Ford 140 3B x 16" Mtd. Moldboard Plow
New Ford 150 Mtd. Moldboard Plow 3 B-16"
New Ford 151, 4B x 16" Auto Reset Plow
New Ford 151, 4B x 18" Auto Reset Plow
New Ford 208, 12' Field Cultivator
New Glencoe 12'9" Soil Finisher
New Glencoe Soil Saver 5 Shank
Used JD 12' Lift Type Spring Tooth Harrow
Used Kuhn Pull Type Tedder
Used Woods RM 59 Finish Mower
Used JD 494A Corn Planter
Used Ford 930A 5' Finishing Mower
Used Ford 501 Sickle Bar Mower
Used NI 212 Manure Spreader

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IH 1466 new rubber, new paint, show room condition $10,900
IH 1466 ..... $7,200
IH 1086, cab & air $10,500
IH 1066 Black stripe cab & air, ex. cond. $10,500
IH 966, 2800 Hrs., new TA, clutch, rubber and paint $10,500
IH 544 Dsl., 100 hrs., engine overhauled, new TA, new clutch, rubber and paint $6,900
IH 1066 black stripe $6,500
IH 856 3300 Hrs., w/turbo new rubber $8,500
IH 1086, '81 Model, 2500 hrs., cab & air, set of weights, new 20.8x38 tires, showroom cond. $18,900
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IH 504 gas, new rubber $3,800
(2) Post IH roll guards w/roof $550/each

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Hesston 1150 12' Windrower
Hesston 65-56 Tractor, 60 HP
Laura Bale Mover, Handles 7 Round Bales

USED EQUIPMENT

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Fox Super E, Hydro, 3R Head, Harvester
JD 716 Tandem Forage Wagon
Goosen Stationary Bale Chopper
NH 271 Baler w/Thrower
Kuhn GMD 66 Disc Mower
Woods 10' Offset Rotary Mower
1820 18 Hp Grasshopper
1200 12 Hp Grasshopper
Yanmar 146 14 Hp, 48"
Jacobson 16 Hp w/Snowblower

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JD 2155, 2WD
JD 3155, 4WD
JD 1050, 4WD
JD Compacts — Most Models

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JD 2640, 70 HP
MF 65 Gas w/Loader
Ford 800 Gas w/Loader
Ford 821 Ind. w/Mower
(2) Farmall Cubs
Massey Harris 30
Massey Harris 44-6
Oliver 77

HARVEST:
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New Fickiin 190 Bu. Gravity Box
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K-WYSE 24 Ft. Chain Drag Elevator

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Meyers ST-90 Univ. Loader Mount Snowplow

USED MISC.:
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Pequea 6x10 Utility Trailer, Single Axle

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New & Used Sales And Service

KERMIT K. KISTLER, INC.
RT. 143 LYNNPORT, PA. 18066
215-298-2011

Pick-Up And Delivery!

TRACTORS

Farmall 1086 18.4x38 rubber
JD 2940 MFWD
Farmall 706, WFE, 3 Pt Hitch, 2100 Orig Hrs, Very Sharp
IH 1066

COMBINES

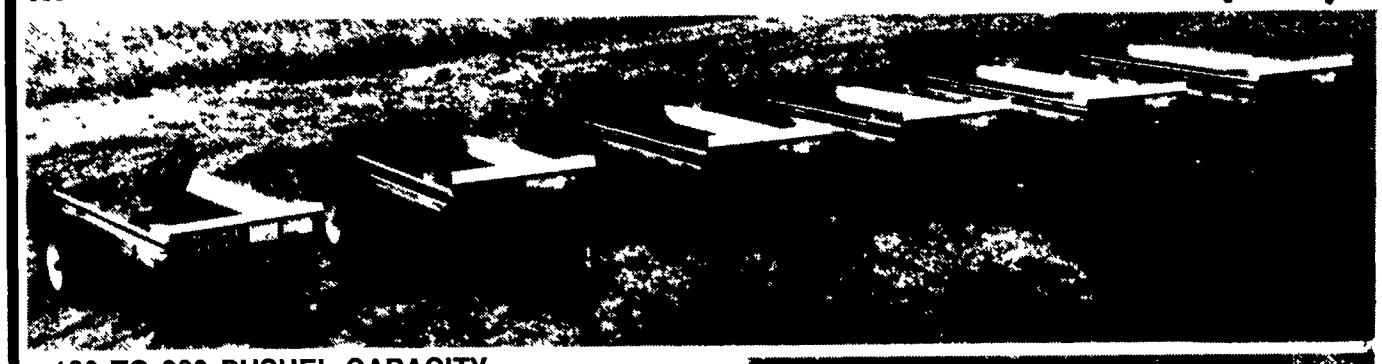
JD 7720 w/6R 30" Corn Head And 215 Flex Grain Head Been Thru The Shop Recond, Field Ready
JD 8820 Heavy Duty Final Drive, Duals 4WD w/20' Grain Head, 220 Flex Head, Totally Reconditioned
JD 7720, 1980, Field Ready
JD 8820, 1980, w/2000 Hrs., 843 Corn Head And 220 Grain Platform, Real Sharp

MISC.

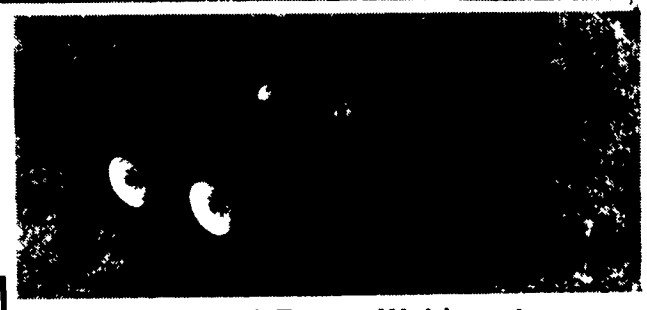
Woods 320 Bat Wing Mower, Demo. Special
JD 18' Folding Disc Harrow
AC Center Fold, 25' Cut, Disc Harrows
(2) AC No-Til Planters
Marliss No-Til Drill Real Sharp
Set Of JD 7x16 Plows
(2) NH 320T Balers, Extra Sharp
IH 17' Chisel Plow w/Midwest Buster Bar

Cooper Ent., Inc.
Cecilton, Md.
301-275-2195
JOHN DEERE

MILLER PRO HEAVY DUTY MANURE SPREADERS (IN STOCK)



- 180 TO 380 BUSHEL CAPACITY
- LIFETIME WARRANTY ON BOTTOM & SIDES
- SUPER-SLIPPERY AND DURABLE SOLID POLYETHYLENE FLOOR, SIDES AND ENDGATE
- PREMIUM QUALITY MATERIALS, HEAVY DUTY CONSTRUCTION, FIELD PROVEN DESIGN



Unitized Frame Weldment Provides Rigid Support. A-Frame Is Boxed At Critical Points For Superior Strength.

GRUMELLI, INC.
Farm And Industrial Equipment
Quarryville, Pa. 717-786-7318
bobcat — DEUTZ ALLIS
See Salesmen: Tony Grumelli, Clarence Herr, Don Fichtner

USED TRACTORS

JD 4050, MFWD, Power Shift, 2100 Hours, 4 Post ..... Call
JD 620 w/Wide Front
JD A w/Wide Front and 42" Rubber
(2) JD B w/Wide Front
JD G w/Wide Front, Needs Work. $850
JD R Hydraulics, PTO, Clean & Original $3900
JD GM $1,750
Ferguson TO-30 Runs Good $1,800
Cub Cadet 122, 12 HP $575
Cub Cadet 106, 10 HP $675
Cub Cadet 1650, 14 HP Hydrostatic $1,500

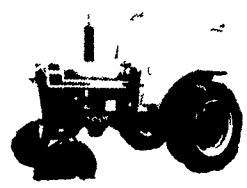
Selling Parts Off Of The Following JD Tractors:
A, B, G, GM, H, 70, 820, 430, 3010, 4010, 4020, **ALSO ENGINE PARTS:** 2030, 2840, 4430, etc.
1973 Ford Louisville w/1984 22' Danco Roll Back Bed, Bad Engine $6,000
1976 Ford F350, dump truck $3,500

FAHNESTOCK FARM SERVICE
435 S. Race St.
Myerstown, PA 17067
717-866-7066

WE BUY, SELL AND REPAIR JD TRACTORS AND FARM MACHINERY

Leaman Tractor Parts

P.O. Box 250
Willow Street, PA 17584
(Lancaster Co.) 717-464-2874
(Turn Left on Breneman Rd. from 222 S at Refton)



TORQUE AMPLIFIERS & CLUTCHES

★ **New Wider Heavy Duty Super Sprag 1-1/32" Wide**
★ **5 Yr. Warranty Against Sprag Failure**
★ **Introductory Price $695.00**

We are pleased to announce a major improvement in TA strength & performance backed up by a warranty that is unmatched in the industry. The 5/8" width Dana sprag which we have used over the past 10 years has proven its ability to perform under the most adverse of conditions and has achieved results that have sent our competitors scrambling to keep up. By increasing the width of the sprag to 1-1/32" and caging it in a heavier frame, we now have an unmatched shock load capacity and dramatically raised our load carrying ability. Our studies have shown that 90% of TA problems are directly related to sprag failure. We feel that we now have the strongest sprag & best rebuilt TA available and it will be warranted as follows:

***5 yr. - 100% parts & labor against sprag**
***2 yr. - 100% parts & labor on remainder of unit**
Our standard heavy duty TA is still available at $645.00 and carries a *2 yr. - 100% parts & labor warranty.
***Certain restrictions apply and there will be a maximum labor pay-out of $450.00.**
We also have units & parts available to rebuild old style TA's, including ramp & carrier sets.
NEW price on ramps & carries - $200.00

QUALITY USED PARTS

We specialize in IH tractors but we also have Case, Oliver, White and Massey tractors in our inventory.

Recent Additions To Parts:
IH 560, 966, 1468, 1566
IH 416, 460, 706, 806
IH 404, 986, 884, 826
IH 1066, IH 340, IH 986
IH 915 Combine
JD 6620 Sidehill

USED TRACTORS

JD 7520 cab, air, 3 pt. PTO 18x38 tires, very nice condition
IH 1066 year around cab w/air, rebuilt TA, very good condition
IH 284 600 hours mower deck and scraper blade, like new
IH Model 2355 loader, excellent condition w/66 series mounts
IH 1456, 3 pt. dual valves, dual PTO, good condition - Rebuilt TA
JD 4840 PS cab, air, new 18.4x42 tires $24,500
1981 IH 1586 cab and air rebuilt TA
IH Hydro 100, factory cab & Air Rebuilt hydro, fresh paint
IH 786 diesel 3100 hours, good condition
Oliver 1600 diesel, wide front end, good
JD 4640 1981, PS, cab & air, duals and weights, 3700 hours, exc. cond. $30,000
IH 584 diesel w/rops, good shape
IH 784 diesel 18x30 tires, 3000 hours,
IH 240 w/3 pt, very nice
Cat model D4-N, w/pony motor and hydraulic, good condition, tracks 80%
JD model L, unstyled, restored, very rare
IH model 720, 5x18" toggle trip plow, used under 200 acres
Westendorf model 42 loader IH mounts w/self leveling, new
Myers Loader to fit IH 06, 56 and 66 series
IH 856 new TA 3 pt. wide front 38" Tires, very nice
1987 Case, 1594 Row Crop Tractor, 12 sp., PS, ROPS, 12.4x42" Tires, Excellent Vegetable or Spraying Tractor

Available

1987 TW 35 Series II, Mechanical Front, Cab, air, duals, 1700 hrs.
1985 Case, 1594 MFWD, ROPS
JD Plow, Model 4200, 4 Bottom Roll Over (new)

Combines

MF 13' Grain Platform
Uni System 717 Combine, 713 G.H.
JD 15' flotation bar heads
UNI 744 cornhead
JD 6600 diesel, rotary screen 1900 hours, very nice
JD Model 443 corn head, exc. cond. lo-tin
JD 444 corn head, lo tin, good shape

We Ship Parts UPS

KELLER BROS. KUBOTA

Large Selection Of 3 Pt. Hitch Attachments In Stock!

TRACTORS & EQUIPMENT

Serving Central PA Since 1921

LEBANON
Rt. 72, Box 488, Lebanon, PA 17042
Rt. 419 1 mile West of Schaefferstown
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STORE HOURS
MONDAY-FRIDAY 7:30-5:00 SATURDAY 7:30-12:00

LANCASTER
1500 Prattville Pike, Lancaster, PA 17601
At Route 30 & Prattville Pike
717-569-2500

USED EQUIPMENT - Check For New Additions Weekly

• 21570 **Ford 3500 Diesel Ind. Tractor**, Loader & Backhoe w/Extra Buckets, Torque Conv.
$6,875

• 21582 **Ford Marshall Forklift Tractor** 28' Lift Ht, Gas, Overhauled, Runs Good
$5,950

• 21590 **International 2424 Ind. Tractor** w/Loader, 3 Pt. Gas, PTO, Shuttle Shift
$3,950

NEW EQUIPMENT AT USED PRICES (Cash Pick-Up Here)

- 17071 **Kubota 6'** 3 Pt. Finish Mower (Demo) Rental $1,654.. **SALE $975**
- F-9672 **Ford 917A** 3 Pt. H.D. Flail Mower, Retail $2,145.. **SALE $995**
- M-3731 **Mott 900048** 3 Pt. Flail Mower, 5', Retail $1,520 **SALE $985**
- 16410 **Haban Outfrt. Mower**, 5' Finish, To Mount On B-8200 Or B-9200 Kubota, Retail $2,230 **SALE $975**
- 18652 **NEW Ber-Vac B-84S Snowblower** 84" 3 Pt. Mount, 540 RPM PTO.. **SALE $2,490**

- 20151 **Sauder Blade** 7' Front Mount **$395**
- 21178 **3 Pt. 7' Rear Blade** With Angle Adj. **$195**
- 21374 **Sauder Hydraulic Front Blade** **$275**
- 21538 **Arps AB257 Blade** H.D., 3 Pt., 7' **$225**
- 21594 **Homemade Front Blade** 75" M.A., Loader Mount **$125**
- 20997 **Ford 09GN3598 Blade** 48" Frt. Mount, Fits Ford/Gilson Garden Tractors, Good Condition **$175**
- 20991 **Ford Dozer Blade** 34" Frt. Mt., Fits Ford/Jacobsen Lawn Tractors, Looks Good **$95**
- 20148 **Kubota G-2000 Frt. Blade** For "G" Series LGT **$175**
- 20186 **Kubota F-3219 Broom** 60", 50/50 Steel & Poly Bristles, w/pwr Angle Kit (Fits F-Series Kubotas), Good Condition **$1,450**
- 21535 **Cole Cultivator & Planter** 1 Row, H.D., Nice Condition **$345**
- 21050 **Kubota B-310 Cultivator,** 3 Pt. 1 Row, Used Very Little **$85**
- 20619 **Brinly CC-500 Cultivator** 1 Row, Sleeve Hitch **$40**
- 21584 **King Kutter 5' 3 Pt. Brush Cutter** **$395**
- 21280 **Kubota KH90 Excavator**, Tracks Rebuilt, 35 HP, Good Cond., 10' Digging Depth **$16,900**
- 21180 **Worksaver 52" Fork Attachment** For 3 Pt. Or Loader (Very Good Condition) **$395**
- 21136 **Kubota G-3008 Grass Catcher** To Fit 48" LGT Mower **$335**
- 21372 **Sauder "D" Model Loader** **$295**
- 21301 **Little Giant 3 Pt. Log Splitter** 24" Logs **$445**
- 21305 **Kubota RC-4862 H Mower,** To Fit B-6200 HSD or B-7200 HSD Tractor, Good Cond **$675**
- 14199 **Kubota MR-6000 Mower** Will Fit B-6100, B-7100 Tractors, Hydro 5' **$390**
- 21174 **Kubota RC-60-72H Mower.** Mechanic's Special **$175**
- 20195 **Bolens FMC D60-L Flail Mower** 5', 3 Pt 1000 RPM PTO **$495**
- 21483 **Kubota RC60-72H Mower** 60", Mid-Mount For B6200 HSD or B7200 HSD **$275**
- 19011 **T-38 Mott Tow Type 38" Flail Mower** w/8 HP Engine **$595**
- 21564 **Kubota F2400 Front Mower** 24 HP, I SOLD, Hydro, 4WD, 5' Cut w/Hyd Dump Catcher, Nice Condition **$10,900**
- 21567 **Caroni 480 Finished Mower** 48", 4 Caster Wheels, A1 Condition **$975**
- 21482 **Landpride AT2572 Mower** 6' 3Pt., Finish Mower, 4 Guage Wheels **$1,180**
- 20500 **Kubota RC48-62H Mower** 48" Mid-Mower Fits B6200/B7200 HST Tractors, Good Condition **$750**
- 20355 **Kubota MR-6000 Mower** 5' Shaftdriven, Mid Mount for B-6100/B-7100 HST Tractors **$145**
- 20620 **Didier S-500 Sicklebar Mower** 46", Side Mount, Manual Lift, Fits Ford/Jacobsen Tractors, Good Condition **$100**
- 20870 **Homemade Row Maker** 3 Pt., Cat 0.... **$45**
- 21597 **Kubota G-2000 Snowblade** 48", Fr SOLD, Fits "G-Series" Kubota Tractors **$175**
- 20990 **Ford Snowblower** 34", Frt. Mt., Fits Ford/Jacobsen Lawn Tractors, Looks Good **$125**
- 21300 **Kubota B-748-A Snowblower** Frt Mounted To Fit B-6100 & B-7100 **$245**
- 21171 **Kubota L-220 3 Pt. Snowblower** 48", 2 Stage, Painted **$345**
- 19210 **Kubota 4 Snowblower** Heavy Duty B222-A, Fits B7100 2 Stage.. **$475**
- 21576 **Kubota G2505 Snowblower** 48" Fits G-Series Tractors **$325**
- 21413 **Kubota B-2551** 3 Pt 51" Snowblow SOLD **$895**
- 16222 **Kubota B-2510 Snowblower** (38", will Fit B-5100, B-4200) **$295**
- 17840 **Kubota G-2500 L&G Snowblower** 38", Will Fit G-Series **$575**
- 19065 **Mighty Mac 50 Gal. Sprayer** P550T **$575**
- 21569 **Howard 38" Tiller,** 3 Pt., For Small Compact Tractors **$675**
- 21571 **Kubota K-420 Tiller** 3 Pt., 42 SOLD Good Condition **$735**
- 21141 **Kubota O.S. Ag Tires & Wheels** To Fit B-6200 DT Or B-7200 DT, Very Little Wave, Front Only **$140**
- 21406 **Kubota Pr. 6x12 Frt. Tires** & Wheels **$95**
- 21407 **Kubota Pr. 8.3x16 Rear Tires** & Wheels **$200**
- 21593 **Satoh 650G Tractor** 27 HP, Gas, 3 Pt. PTO, w/National Loader, PS, Frt Pump **$3,375**
- 21575 **Kubota G-5200 H L&G Tractor** 14 HP, Diesel, Hydro, 48" Mower, Nice Shape **$3,975**
- 21596 **Kubota G-5200 H L&G Tractor** 14 HP Diesel, Hydro, Low Hours, 48" Mower, Good Condition **$3,975**
- 21379 **IH Cub Lo-Boy Tractor** w/5' Belly Mower, Good Condition, w/Blade & 3 Pt **$2,575**
- 21477 **Wheelhorse L&G Tractor** 8 SOLD hando, 36" Mower, New Battery, Very Nice **$695**
- 21419 **Kubota B-6000 DT Tractor** 4 WD, Diesel, Std. 3 Pt. w/Front Blade **$3,245**
- 20847 **Allis Chalmers WD Tractor** 35 HP, Live 540 RPM PTO, Hydraulics, w/3 Bottom Plow, Works Good, A Collectors Item **$1,145**
- 21566 **Suzue 150 Tractor** 15 HP, Diesel, 4 WD, Cat 1 3 Pt Hitch, 540 RPM PTO Loader, Very Nice **$3,875**
- 21371 **Ford NAA Tractor,** 30 HP, Painted, Good Rubber, Very Good Condition, 3 Pt PTO **$3,490**
- 21444 **Bolens ST-110 Yard Tractor** 11 HP, 42" Mower, Rear Wheel Wts, Very Nice **$1,250**
- 20848 **Allis Chalmers WC Tractor** Mechanical Lift, w/Cultivators, Good Paint, Works Good, A Collector's Item **$990**
- 20185 **Kubota F-2000 Tractor** 20 HP, 3 Cyl. Diesel, Approx 500 Hrs, 4WD, PS w/RC60-F20 Front Mower, Great Cond.. **$8,450**
- 21424 **Ford YT-16 L&G Tractor** 16 Hp. 2 Cyl, 42" Mwr (Nice Cond) ... **$1,575**
- 21433 **Kubota B-6100 HSE Tractor** Hst. Trans 48" Mid-Mower (Shaft Dr) **$4,890**
- 21410 **Kubota B-7200 HSD 4WD Tractor,** Hyst, 17 HP, Exc Cond, Diesel, 3 Pt **$6,785**
- 21381 **Ford 120 L&G Tractor** 12 HP, 42" Mower **$1,295**
- 20708 **Ford 100 L&G Tractor** 10 HP, 42" Cut, Very Nice Condition **$675**
- 20988 **Gilson Lawn Tractor** 11 HP, 38" Mower, Gear Drive **$465**
- 21118 **Simplicity 7117 Tractor** 17 HP, Hyst Trans, Elec Lift 48" Mower, Grass Catcher, Snow Blower, Cab, Nice Shape **$2,750**
- 20979 **John Deere 214 Garden Tractor** 12 HP Variable Drive 46" Mower, Nice Condition **$1,990**
- 21568 **Homemade 4½ 'x7' Trailer** Single Axle.. **$495**
- 1016 **Lamco 2 Axle Trailer** w/Sides, Elec. Brakes, w/Spare, 10,000 Lbs, Like New 16' **$2,700**
- 21327 **Watson 1 Axle Trailer,** 68"x93" Tilt, Sides, S Tire **$395**
- 18204 **Kubota G-3008 Vac System L&G** Fits G Series Tractors With 48" Mower **$335**
- 21041 **Peco PEH-110 Vac Unit** 3 HP, Direct Mount w/Hitch & Chute For Kubota G Series **$335**
- 20211 **Kubota G-3008 Vac Unit** Fits G Series Tractors w/48" Mower. **$335**
- 21598 **Trac Vac 460 Vac Unit** 5 HP, Fits G Series Kubotas, Used Very Little **$495**

COMING IN: • IH 184 Tractor • Kubota B8200DT w/Loader

WISCONSIN HEAVY DUTY ENGINES

Wisc.-Robin Continental, Kohler, Briggs & Stratton, Tecumseh, Honda

Special - 12 Volt Starter, Fits
VH4, VG4, W4-1770, THD, TJD **$225**
VH4D 30 hp..... **Special $1,695**

Rockford and Twin Disc Clutch Parts and Assemblies

Wisconsin Replacement Engines

NEW & REBUILT SHORT BLOCKS

LINCOLN ELECTRIC® **Welders, 150-225 Amps**
SPECIAL ON WELDERS -

Authorized Service Center
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FISHER ENGINE SERVICE

3141 Old Phila. Pike, Bird-In-Hand, PA 17505 (717) 768-3729
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USED EQUIPMENT SALE
FINCH SERVICES, HANOVER, INC.
717-632-2345

CLEARANCE SALE NEW LILLISTON NO-TILL DRILLS
Model 9680, 18x7..... **$12,750**

USED COMBINE SALE

JD 4400D..... **$15,000**
JD 4400D..... **$12,500**
JD 6600 LL..... **$11,000**
JD 6600 LL..... **$20,000**
JD 6620 SH..... **$25,000**
JD 6620 SH..... **$35,000**
JD 6620 SH..... **$45,000**
JD 8820..... **$55,000**
JD 653..... **$3,800**

TRACTORS
JD 2640 w/Loader
JD 4030
JD 2240 w/loader
JD 755
IH 656 w/loader
IH 574
IH 300
Kubota L3750 w/loader

COMBINES
(3) JD 215 Flex
(2) JD 216 Flex
JD 216 Rigid
13' Quicktach
(2) JD 213 Rigid
(2) JD 444
JD 443

BALERS
JD 346 w/ejt.
(3) JD 336 w/ejt.
(2) JD 224 w/ejt.
JD 24T w/ejt.
JD 24T
JD 14T w/ejt.
NH 846 round baler
NH 273
NH 268

HARVESTERS
IH 650 w/2R & 5' pickup
JD 1R head
JD 3RN head

MISC.
8x18 bale throw wagon
Schuler 125 bunk feeder
Dual axle utility cart w/grain box
Calumet 2250 lq. spreader
Befco 6' flail, 3 pt.

PLANTERS
JD 7000 6R w/dry fert.
JD 7000 6R w/lq. fert.
AC 500 4 row notill

TILLAGE
JD 925 10' Roller Harrow
JD BWA Disk, 14'
JD KBA Disk
JD 220 disk, 20'
Brady 12' Chisel Plow
JD 1600 4 btm.
JD F125 4 btm.
Massey Harris 1 Btm. Plow
IH chisel plow, 7 tooth
(2) IH 8' Disks

MOWERS
Woods M72
SMC 15' wing fold
5' NH 3 pt.

HAYBINES
(2) JD 1219
(2) JD 1209
(2) JD 1327 Discbine
Vicon Discbine 281
NH 479
NH 489

CHUCK WAGONS
(2) JD 125
(2) IH 51
(2) AC 14'

LARGEST PARTS INVENTORY IN SOUTHERN PA
NEXT DAY AIR AND UPS SERVICE

KUBOTA · JOHN DEERE · GRAVELY · WOODS · Brillion

JOHN DEERE

NEW EQUIPMENT

JD 610 chisel plow, 8 ft. $1,950
JD 1460 Rotary disc mower conditioner w/rolls
JD 450 Hydro Push manure spreader, $5,400
JD 2355, 4 WD w/cab and air, 110 loader, rental, reduced
JD 210 C loader backhoe, w/cab $39,900
JD 1075A 12 ton wagon, no tires $1,300
NH 234 Conestoga 8 ton wagon, no tires, $1,395
All Land Pride Equipment In Stock On Special Fall Sale- Stone Rakes, Rear Blades and Rotary Mowers

USED EQUIPMENT

Holmac 7600 7'6" mower, $2,200
JD 709 7' HD mower, $2,800
IHC 140 tractor w/mid mount 60" mower, $3,100
JD F145, 5B Plow, $1,400
JD 2640 2WD Tractor, completely rebuilt, new tires, $11,500
Sive and chaffer final drives for 4400 combines w/tires less than 100 hrs. 18.4x26 10 ply will sell sep. or together
Woods 10' 120 offset pull type rotary mower
JD 950 2WD w/72" mid-mower, $6,500
JD 4030 tractor dsl. open station, 2WD rebuilt & painted, $12,500
Caterpillar 922 4WD, rubber tired loader, $10,500
JD 855 4WD w/70 ldr., 800 hrs., turf tires, $10,800
JD 1530 dsl. tractor, 145 front loader, good cond., $7,500
JD 260 disc mower rebuilt
NH 256 Rake, good cond., $1,900
Tye Pasture Pleaser, 80" no-till grain drill, excellent and complete, pull type, $6,500
Kubota L245 DT, 4WD, 25 HP, w/Woods 6' mid-mount mower, $6,200

M.S. YEARSLEY & SONS, INC.
110-120 E. Market St.
West Chester, Pa. 19380
215-696-2990

WOODS
Division of Hesston Corporation
OREGON ILLINOIS 61061

FMC

LAND PRIDE

HARVEST SALE

— NEW —

JD 655 MFWD Tractor
JD 670 2WD MFWD Tractors
JD 770 MFWD Tractors
JD 750 MFWD Tractor
JD 2155 2WD Tractors
JD 2955 MFWD SG Tractor
JD 3155 MFWD SG Tractor
JD 3PTH Rotary Cutters
JD 710 8'9" Mulch Tiller
JD 610 8' Chisel Plow
JD 970 12' Roller Harrow
JD 350 Manure Spreaders
JD 1460 Disk Mower/Conditioner
JD 1600 Mower Conditioner
JD 348 Twine & Wire Balers
JD AMT 600 Utility Vehicle
Badger 950 16' Forage Wagon
Badger 2054 Forage Blower
Badger 2180 Manure Spreader
Ritchie Waterers

— USED —

Ford 8N Tractor
Ford 9N Tractor
Ford 2000 Low Profile Gas Tractor
Ford 2600 Gas Tractor
IH Cubs
JD 750 2WD Tractor
JD 1050 MFWD Tractor w/Loader
Kubota B7100 Hydro Tractor
JD 3300 Gas and Diesel Combines
JD 346 Wire Baler
JD 4200 4B Roll-Over Plow
IH 800 4RW Cyclo Planter
IH 510 10' Soybean Special Drill
25 KW Generator w/Detroit Diesel

Many Other John Deere, DeLaval, Jamesway and Landpride Items

See Our Large Assortment Of JD Toys

DeLAVAL JAMESWAY

JOHN DEERE

Badger

Quonset Buildings

I.G. SALES
Silverdale, PA 18962
215-257-5135
Toll Free Number 1-800-255-9197

USED TRACTORS

JD 4640, cab & air
JD 4630, cab & air
JD 4440, cab & air, quad range
JD 4440, cab, air, power shift
JD 4240, PS, cab & air
JD 4240, PS, 4 post
JD 4230, 1976, cab & air, QR
JD 4230 fender, quad range
JD 4430, cab & air, sharp
JD 4050, PS, 4 post
JD 4040, cab & air, quad range
JD 4030, cab & air
JD 4020 diesel
JD 2510
JD 2840
JD 2355, like new
JD 2240 w/cab
JD 2030
JD 3020 diesel
JD 3020 gas w/loader
JD 950
JD 850 w/mower
IH 3688 w/cab & air
IH 3688, 4WD
IH 1486, cab & air
IH 1066 w/cab
IH 986, cab & air
IH 966 w/cab, low hrs.
IH 584, 4WD w/loader
IH 656 gas
IH 84 hydro
Ford 3400 w/loader
Ford 2000
Ford 3000
Ford 340 tractor loader, 500 hrs.
MF 1040, 4WD w/loader & 3PT hitch backhoe, 300 hrs.

JD 4650, power shift, 1,100 hrs., w/duals

INDUSTRIAL

MF 40B forklift
NH 779 skid steer
Gehl 4510 skid steer
Ford CL55, used 1,000 hrs.

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" spring reset plow
IH consertill 13'
IH consertill 10'
JD 3 btm. roll over plow
JD 4 btm. roll over plow
JD 7 btm. on land hitch
IH 710 8 btm. 18" spring reset, on land hitch
IH 710 7 btm. on land hitch
IH 710 6 btm. on land hitch
IH 720 5 btm. 18" toggle trip
JD 2500 5 btm. 18" spring reset
JD 2500 6 btm. spring reset

USED COMBINES

244 JD corn heads
444 JD corn heads
443 corn heads
JD 4400 diesel, 1,500 hrs., sharp
JD 4400, gas
JD 215 flex head

HAY EQUIPMENT

JD 1207 7' haybine
IH 7' haybine, like new
NH 478 haybine
JD 336 baler
JD 346 wire baler w/thrower

MISCELLANEOUS

NI 2 row wide, 8 roll bed
NI 2 row wide, 12 roll bed
JD 12' mulcher
Gehl 120 grinder mixer
JD 3RW harvester head, like new
Fox 3 row narrow corn head
IH 5100 grain drill
Kewanee mulcher, like new
Amco 13' rock-flex disc
Kewanee 18' hyd. fold disc
Kewanee 21' hyd. fold disc
Kewanee hyd. fold 20' roller harrow, like new
'74 GMC 6000, cab & chassis, 5 spd.-2 spd., power steering
'84 GMC 7000, cab & chassis, 5 spd.-2 spd.

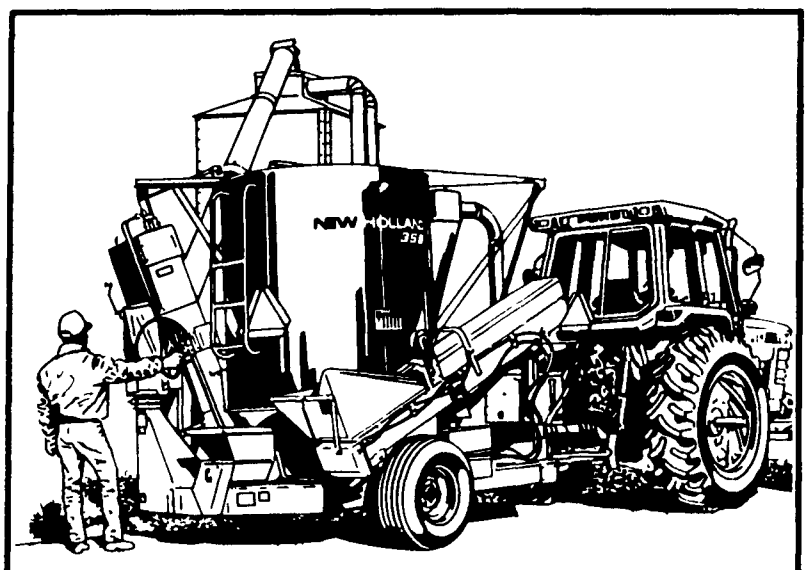
D & R EQUIPMENT INC.
Rt. 579, Ringoes, New Jersey
(201) 782-5082

Silage Covers
50x100x6 mil black $110 (by order)
40x100x6 mil white tri-layer $140
40x100x6 mil. black, $90
32x100x6 mil. black, $72
4 or more 5% Discount

Stretch Film
20"x6000'xl mil. white
1-10 $73/roll
11-20, $72/roll
21up $70/roll

Special Repair Tape
Black or White
3"x175', $12/roll
3"x105', $7/roll

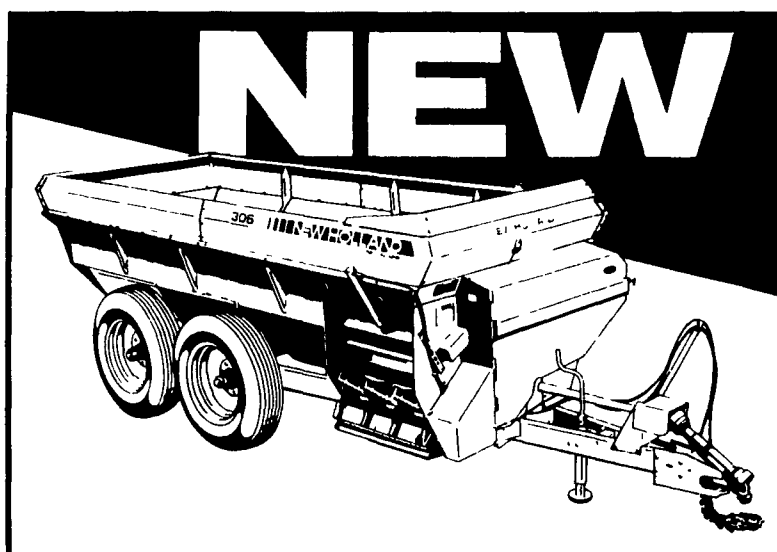
Martin's Custom
(717) 369-5702



First in durability

Surveys show owners rate New Holland grinder-mixers as the most durable That's because Ford New Holland builds them right and backs them with quality parts and service. The Model 358 has a 125-bushel tank that's specially designed to eliminate bridging. An optional electronic scale assures accurate control of rations Stop in and see the durable Model 358 grinder-mixer

NEW



New Holland Model 306

Versatile • Efficient • Durable

The Model 306 spreads slurry, free-stall, gutter, pen-packed and poultry manure. Offset paddles use power efficiently. Hydraulics control spread pattern. Get optional side extensions for a 1700-gallon capacity. It's built so well it comes with a ten-year tank warranty. It's the new Model 306 side-delivery spreader.

Stop in and take a look.

USED TRACTORS

Int 650 Diesel	$2,150
Int 650LP	$2,150
McCormick Deering W30	$1,650
JD 820	$3,250
JD R	$2,650
JD D	$1,650
(2) MM GB LP	$1,550 to $2,750
(4) MM UTS	$1,100 to $1,600
(2) MM G1350 Diesel	$6,500 to $7,500
MM G750 LP	$1,950
MM G706 LP	$2,950
MM G707 LP	$2,450
MH 55 Diesel	$2,150

Parts For All MM Tractors New & Used

EVERETT BROS.
614-922-3335

Ford FORD NEW HOLLAND

BHM FARM & LAWN EQUIPMENT, INC.
Rt. 934 — 2 miles North of Annville, PA
Telephone 717-867-2511

Ford FORD NEW HOLLAND

WENGERS FARM MACHINERY, INC.

LONG

ROUTE 501 - 1 MILE SOUTH OF MYERSTOWN PA.
717-866-2135 1-800-451-5240
Mailing Address: 251 S. Race St.
Myerstown, PA 17067

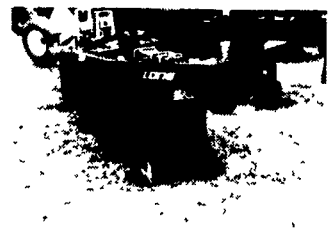
HOURS:
MON.-FRI. 7:30-5
SAT. 7:30-NOON

WOODS

John Deere 8450- 4x18" 3 Pt. Rollover.

International 720- 5x18" Spring Reset With Spring Coulters.

New Idea 272 Cut-Ditioner, 7' Cut, Good Condition.



NEW! Long Nu-Way Swing Plow Available In 3, 4 & 5 Bottoms.

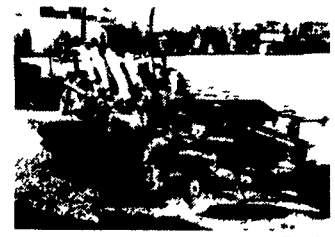
White 508- 4x18" Spring Reset Plows With Spring Coulters.

International 186 Hydro-Cab, Air New 18.4x38's, 2 Remotes, Loader Available, Very Nice.

John Deere 845- 3x16" Rollover

United Farm Tools- 14' Stalk Chopper.

John Deere 3 Pt. 3x16" Plow With Coulters And Coverboards.



International 710- 3x16" Spring Reset Plows With Spring Coulters.

Massey Ferguson 880- 6x18" Spring Reset With Coulters.

John Deere 1710- 10' Mulch Tiller New Discs And Chisel Spikes.

International 826- 1970, Year-A-Round Cab, 18.4x34 Dyna Torques- 90%, FH, 2 Remotes, Very Clean.

Richardton 1200 Hi-Lift Dump Wagon.

International 710- 5x16" Spring Reset Plows With Spring Coulters.

FARM TRACTORS

JOHN DEERE

1979- 4440 Cab, Air, Quad Range
1974- 4430 Cab, Quad Range
1974- 4430 Quad Range
1985- 850- 4WD w/#75 Loader
1969- 4520 Cab, 1000 PTO
2010- Gas.....Coming In

INTERNATIONAL

1980- 186 Hydro Cab, Air- Ldr. Avail.
784 4WD w/Loader
1976- 986, Cab, Air
1978- 84 Hydro, Loader Available
1256 With Duals
1980- 686 15.5x38's.....$6900
574 Diesel.....$5900
140 With 5' Woods Belly Mower, Good Condition.....$4900
140 HI Clear With Side Dressers, Good Condition.....$4900
140 Fast Hitch, Very Nice Condition, 1X Plow & Snowblade & Cult., Available.....$4900
1978- 184 Cub Lo-Boy With Loader And Woods L-59 Belly Mower.....$4250
(2) Super A.....$3900
Cub Yellow & White With 1000 Loader.....$3500
460 Diesel, WF.....$3250
185 Cub Lo Boy With 5' Belly Mower.....$3250
2424 w/Sickle Mower.....$2900

LONG

New 2360, 4WD, 35 HP
New 2460, 4 WD w/Loader 42 HP
New 2510, 4WD, 48 HP
New 2610, 4WD, 64 HP
New 610 w/Loader, 64 HP
New 610, 4WD w/Loader, 64 HP
New 510, 4WD, 48 HP
New (2) 460, 4WD, 42 HP
New 360, 4WD w/Loader, 35 HP
New (2) 360, 2WD, 35 HP
New (4) 310, 4WD, 28 HP

OLIVER

1972- 1855, 18.4x38's.....$6900
1950- GM Diesel, 18.4x34's, Rear Wheel Weights.....$6500

OLIVER

1961- 1900 GM Diesel, 18.4x34's Rear Wheel Weights.....$4500
1963- 1800 Gas, NF, 18.4x34's, Front Weights.....$3900

ALLIS CHALMERS

1970- 220 Cab, Front Weights
1971- 185, 18.4x28's, 2 Remotes, Front & Rear Weights.....$7900
1964- 190XT, 18.4x34's, 2 Remotes.....$4900

FORD

1988- 5900 16.9x30's, 2 Remotes, Under 100 Hrs., Like New
7000 Diesel, New Tires
5000 Diesel
3000 4WD, 13.6x28's, 7.5x20's, 3 Pt., PTO.....$6900
2000, 4 Cyl., Gas, 12.4x28's, 3 Pt., PTO, 1400 Hrs., Very Clean....$4900

MASSEY FERGUSON

178 Diesel, 13.6x36's, 948 Hrs.....$7900
1965- 165 Gas, 16.9x28's, Multipower, 2 Remotes.....$5500

CASE

1967- 1030-Cab.....$6900
1968- 1030 Cab, 18.4x34's, Rear Wheel Weights.....$5900

SKID STEER LOADERS

1983- Case 1835B, Gas.....$8900
1978- Case 1845 Gas, New Tires.....$7900

OTHER NAME BRANDS

Jacobsen F-10, 7 Gang Mower

TILLAGE

JD 1450- 6x18" Trip
JD 2500- 5x16" Spring Reset
JD 8450- 4x18" Rollover 3 Pt. Plow
IH 550- 5X- 14" Cushion Trip
IH 710- 5X- 16" Spring Reset
IH 710- 3X- 16" Spring Reset
IH 720- 5X- 18" Spring Reset
JD 1450- 4X- 16" Cushion Trip
White 348 4x16 3 Pt. Plow
White 508 4x18" Spring Reset
Oliver 508 3x16 Spring Reset
MF 880 6X- 18" Spring Reset
IH 540- 4X Cushion Trip
JD 3X Rollover Plow
Ford 3X Rollover Plow
(3) JD 3X 3 Pt. Plows
JD 4x14- 3 Pt. Plow
(2) Ford 3X Plows
Oliver 2X Rollover
MF- 3X 14- 3 Pt. Plow
IH 2X And 3X Trailer Plows
JD 3X Trailer Plow
2X And 1X Plows
Glenco 14 Shank- 3 Pt. Chisel Plow
JD 12 Shank Pull Chisel Plow
IH 12 Shank- Pull Chisel Plow
IH 10 Shank Pull Chisel Plow
Taylorway 10' Chisel Plow w/Coulters Nice
JD 1710- 10' Mulch Tiller
MF 9 Shank Chisel Plow 3 Pt.
Pico 9 Shank, 3 Pt. Chisel Plow
Paulk- 7 Shank Chisel Plow
Taylorway 7 Shank 3 Pt.- Chisel Plow
Brillion 7 Shank 3 Pt. Chisel Plow
Buster Bars 7',12' & 20'
Krause 21' Wing Disc
Krause- 11' Disc
IH 370- 12' Finishing Disc
JD 13' Disc
JD 310- 14' Disc
JD 8' Offset Disc
AC 8' Wheel Discs
IH 37- 13' Wheel Disc
IH 5'- 1 Pt. Disc
JD C11- 12' or 15'- 3 Pt. Field Cult.
Glenco 10' Or 13'- 3 Pt. Field Cult.
JD RM6- 3 Pt. Cult.
JD RG-6- 3 Pt. Cult.
JD RM- 438 3 Pt. Cult.
Super A Cult.
JD- 14' Pull Type Rotary Hoe
King Kutter 50" Rototiller
JD 10'-12' Cultipacker
Bearcat- 12' Cultipacker- New
Brillion 14' Crowsfoot Cultipacker
Brillion 11'-13' Cultipacker
IH 12' Cultimulcher

HAY EQUIPMENT

JD 3960 Harvester w/2 RN Cornhead
(2) NH 846 Round Balers
Deutz-Allis- SM-70RC Discbine
(2) NI 279 Cutditioners
(2) Bale Wagons
JD 450 7' Pull Sickle Mower
IH Pull Type Sickle Mower
NH 707 Harvester w/Corn Head
Pequea Hay Tedder- New 710 PTO
NH 258 Hay Rake- Nice
JD Hay Rake
NI 272 Cutditioner
NH 467 Haybine
Gehl Forage Wagon 3 Beater w/Roof
NH 450- 3 Pt. Sickle Mower
NH 451- 3 Pt. Sickle Mower
JD 336 Baler w/Ejector

NEW EQUIPMENT

- King Kutter Scraper Blades 6' And 7' Heavy Duty 7' And 8'
- King Kutter Scraper Blades 6', 7' And 8'
- King Kutter Post Hole Diggers 6", 9" and 12" Augers
- King Kutter Discs 5½ ' And 6½ '- 3 Pt.
- King Kutter Grading Boxes 4', 5½ ', 6', 7' & 8'
- King Kutter Stone Rakes 4', 5', 6', 7' & 8'

Cornshellers- 3 Pt. And Pull Type
Hay Tedders- 9'- 3 Pt. Or Pull Type
Hay Wheel Rakes- 3 Pt.
Seeders- Broadcasters- 3 Pt.
Cultivator 1 Row- 3 Pt.
Potato Diggers 1 Row- 3 Pt.
Ag-Tech Preseeder
Shaver Post Driver HD-8
Cement Mixers-3 Pt.
10' Pasture Drag
Woodsman- 3 Pt. Saw

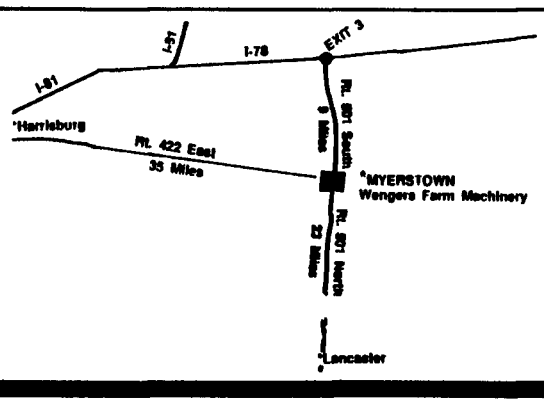
MISC. EQUIPMENT

Heads- NI 766- 6' Pickup
IH 810 13' w/Floating Cutterbar
NH 960 13' Platform
NH 960 15' Platform w/Floating Bar
JD 443 Corn Head
JD 343 Corn Head
JD 243 Corn Head
1X Flat Trailers
Richardton HI-Lift Dump Wagon
(5) Bin Wagon On Gear
Bearcat 6 Ton-8 Ton Gears On Rubber- New
65 Gal. 3 Pt. Sprayer- New
Kuker 400 Gal. Sprayer, Cent. Pump- 30' Boom
NH 305 Side-Delivery Manure Spreader- New
NI 10 Manure Spreader
NI 12A Manure Spreader
NI 18 Manure Spreader
NH 206 Manure Spreader
NI 212 Manure Spreader
NI 217 Manure Spreader
NI 218 Tandem Manure Spreader
(2) JD-N Manure Spreader
(3) Cub Manure Spreader
NI 10' Lime Drill
Brillion 8' Seeder
Rock Picker
(2) 3 Pt. Transplanters
AC- 600 4 Row- No Til
JD 43 Cornsheller
JD 8300- 23x7" Grain Drill
IH 510-16x7" Grain Drill w/Grass & Fert.
Crust Buster- 3 Pt. Grain Drill 20x7" DD
JD Loader, 148
IH 2200 Loader
(5) Set Of Duals-Various Types- Including 20.8x38- New
(16) Manure Forks
Cabs- AC 7000
Woodsplitter- 3 Pt.
Wood Chipper- Royer, 3 Pt., 8"
United 14' Stalk Chopper
NI 310- 1X Compicker

ROTARY MOWERS

Woods RM48
Ford 909- 5' Pull Type
Bush Hog- 6'
Bush Hog 13' Batwing
- King Kutter Rotary Mowers- New 4', 5' And 6' 3 Pt. And Pull Type
- King Kutter Finish Mowers- New 4', 5', 6' & 7'- 3 Pt.

COME SEE US YOU'LL BE GLAD YOU DID!



Cub 184 Lo-Boy With Woods 60" Mid-Mount Rotary Mower Nice Condition

MANOR EQUIPMENT, INC.

Wheatfield Rd. R.D. 8
Sinking Spring, PA
215/678-0828

NEW IDEA

HESSTON WHITE FARM EQUIPMENT

USED EQUIPMENT

NH 495 Haybine
(2) NH 489 Haybine
A 6R 30" Head for AC Combine
JD 4400 Combine w/13' Grain & 4 RN C H
Hesston 7150 Forage Harvester
White 5100 4 Row Planter
JD 7000 12R Corn Planter
Badger Manure Spreader
NI 213 Manure Spreader
Int 56 4R Corn Planter
Hesston PT10 Windrower
Hay Buster 107 No-Til Drill
IH 15' Chisel Plow
Vicon 15' Power Harrow
White 6342 3 Bot Roll-Over Plow (New, Weathered)
(2) JD 1209 Windrower
JD Double Windrow Attachment For 1209 Or 1219
MF 128 Baler w/Thrower
White 2-85 Tractor w/Cab
White 8700 Combine
White 8900 Combines
Farmall M Tractor
Westfield 8x51 Auger

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

FORKLIFTS

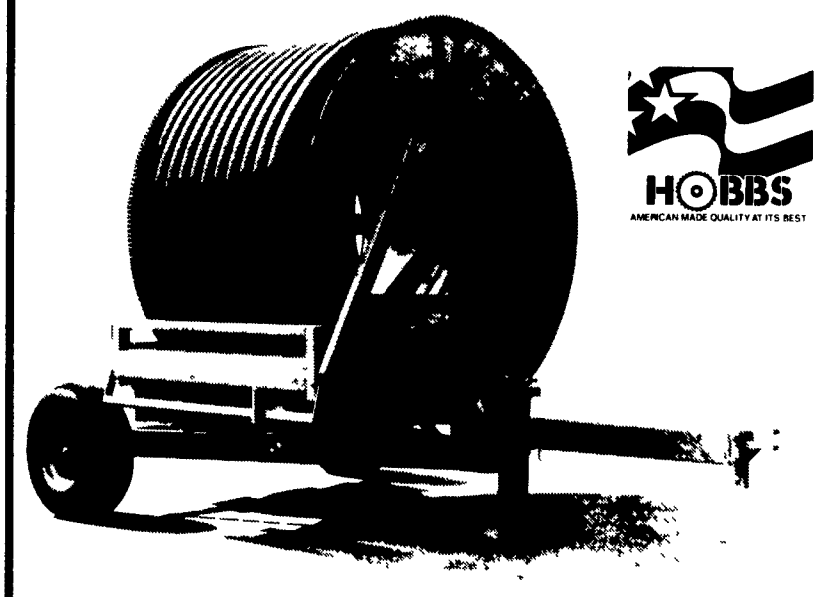
4,000 Lb. Clark Pneumatic, 3 Stage Mast, Diesel $4,000
5,000 Lb. A/C's Solid Tire, LPG, 3 Just In .... $1,500 to $2,000 Ea.
5,000 Lb. Hyster 1984, Solid Tire, 3 Stage Mast, LPG, Very Good Cond. $6,000
12,000 Lb. Hyster Dual Pneumatic, New Engine And Tires, 8' Forks, LPG, Very Nice $11,000
8,000 Lb. Hyster, Dual Pneumatic, 1984, GMC Gas, S/S Lumber Truck 2,000 Hrs., Like New $13,500
6,600 Lb. Hyster 1984 4WD Construction Lift, 33'7" Reach Gas, 1,700 Hrs., Excellent Cond., Must Sell, Make Offer $17,500
6,000 Lb. Mastercraft (Tractor Type) Ford Diesel 22' Lift, Sideshift, Rubber & Cond. Very Good .. $7,500
6,000 Lb. Baker Electric, 3 Stage, Sideshift, New Battery & Tires, Very Good Condition $5,000
7,000 Lb. Cat, electric, good shape $3,000
3,000 Lb. A.C. 1980 Solid Tire, LPG, 3 Stage Mast excellent condition $3,000
3,000 Lb. Yale, electric walk behind, good condition $2,500
Forks 25,000 Lb. Cap. $750/Pair
4,000 Lb. Clark Electric Pallet, Jack w/charger, very good condition $1,000
10,000 Lb. Cat pneumatic, 1980 Runs Fair, needs engine work, low mast $6,500
12,000 Lb. Yale solid tire, LPG, very good condition, low mast, good for rigging work $7,500

HYMAN EQUIPMENT IN BALTIMORE, MD.
(301) 486-6691
Call Alan Hyman Anytime

Many Other Forklifts, Not Listed In Inventory

BIG SAVINGS

NOW - Factory Discounts
NEXT YEAR - BIG PROFITS
WITH YOUR REEL RAIN IRRIGATION SYSTEM



Now is the time to come in and make a special deal on the Reel Rain Irrigation system that's right for your operation. Factory discounts are in effect for a limited time and we're anxious to pass the savings along to you.

Adequate water at critical times during crop development is one of the most important factors in increased yields. Even in a normal high rainfall year, your yields may suffer if rain doesn't come at the right time. You are the BOSS when you give your crops the water they need when they need it. Invest in your future now. You will save BIG BUCKS for the whole family if you invest now.

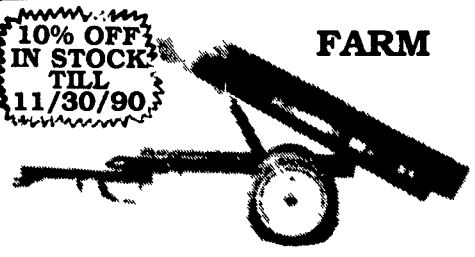
DEPENDABILITY WHEN IT COUNTS

EECO, INC.

4021 N. 6th St., Harrisburg, PA 17110
717-238-9423 Fax 717-238-7635
Licensed Engineering Service Since 1944

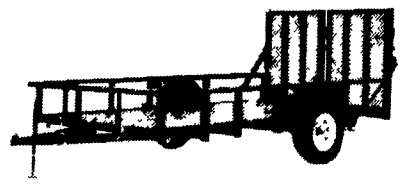
10% OFF IN STOCK TILL 11/30/90

FARM

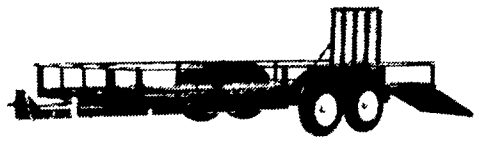


6'x8' 4 Ton 6½ 'x10' 5 Ton

Also Available In 4x8 1500 lb. GVW 8" Tire



UTILITY (Tilt Model) - AVAILABLE SIZES LENGTH 8 to 12 feet, WIDTH 60 to 76 inches, GVW 3,500 lbs



UTILITY - AVAILABLE SIZES LENGTH 12 to 20 feet
WIDTH 76 to 81 inches, GVW 7,000-12,000 lbs

Car Haulers Available

FLAT BED 2-5/16" coupler, and self storing 80" long ramps AVAILABLE SIZES LENGTH 14 to 18 feet, WIDTH 76 to 81 inches, GVW 8,000 lbs ,

10% OFF IN STOCK TILL 12/31/90

STARTING AT **$695.00**

Car Dollie

International Farm Equipment

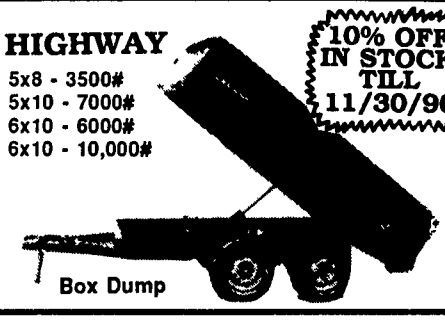
- 1 & 2 Bottom Plows
- Discs 4' - 8'
- Blades 5'-8'
- Box Blades 4'-8'
- Stone Rakes 4½ '-8'
- Post Hole Diggers
- 1 Row Cultivators
- Dirt Scoops
- Boom Poles
- Rear Carriers
- Chipper-Mulcher
- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
- Rotary Mowers 3'-11'
- 4'-7½ ' Finish Mowers
- Bale Carriers
- Sickle Mowers
- Rototillers
- Log Splitters
- Truck Beds - 7' to 12'

Over 200 Trailers In Stock Starting At $495.00
50 Different Models Available
DEALERS WANTED Financing Available

HIGHWAY

5x8 - 3500#
5x10 - 7000#
6x10 - 6000#
6x10 - 10,000#

10% OFF IN STOCK TILL 11/30/90



Box Dump

CONSTRUCTION (LOW DECK) - AVAILABLE SIZES LENGTH 14'-20', WIDTH 76"-81" GVW 8,000-12,000 lbs

Starting At $3595

GOOSENECK TRAILERS - AVAILABLE SIZES LENGTH 20 to 28 feet, GVW 12,000-20,000 lbs , WIDTH 8'

CONSTRUCTION (DECK-OVER) - AVAILABLE SIZES LENGTH 18 to 24 feet, WIDTH 8 feet, GVW 12,000-20,000 lbs , Eight (8) lug brake axles

1988 GMC 1 Ton 350 Auto, 10,000 GVW, 35,000 miles, 11' flatbed $10,000
1988 GMC Ext. Cab, Auto., 454 gas, 8' dually, loaded $15,500
1969 Hough H65C Articulated loader 4WD w/Cummings diesel, full cab $14,000
Morbark chipper w/2 cylinder Wisconsin Mod. W21235, 8" throat $4,500
MF 205 Backhoe 3 cylinder w/102 loader & 220 hoe, shuttle $5,500

The Above Items Located In Springfield Mass.
413-562-7677
or Call Kutz Farm Equip.

Case 850 Diesel track loader w/ripper, brakes just rebuilt, good tracks $12,900
1982 W.W. 10' horse trailer w/spare $1,295
V-type snow plows (various sizes)
1980 Honda Goldwing 1100 full dresser $1,995
Drums Of 5/16"x550' Chain (Proof 30) 1900 lb. .... 65¢ Per Foot
Drums of 3/8"x400' HI-Test Chain 5400 Lb. .... 85¢ Per Foot
16'x76" 6 Ton Steel TILT Construction Trailer .... $2695 OBO
14'x76" 6 Ton Bobcat Construction Trailer $2,395
Special Sale on hydraulic dump trailers

The above items located at:
KUTZ FARM EQUIPMENT, INC.
Pine Grove, PA
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KUTZ FARM EQUIPMENT, INC.

Pine Grove, PA (717) 345-4882

STITZEL FARM EQUIPMENT, INC.

East Windsor St. & Krick Lane — Hamburg, PA 19526

Phone Bus. 215-562-8377 — Home 215-562-5740

COMBINES w/Good Selection Of Heads: We have 16 late model, very nice, local, one-owner combines.

JD 8820 4WD, Full Equip w/220 Flex

JD 7720 4WD, w/216 Flex & 643 Corn Head, Nice

1985 JD 6620, Side Hill, Titan II, Full Equip., Real Nice, w/215 Flex.

1981 JD 6620 Side Hill Combine.

JD 6620 4WD w/215 Flex And 643 Corn Head.

JD '81 Model, 6620 LL, w/215 flex, real nice

JD '81 Model 6620 LL w/216 Flex, very nice

JD 6620 LL, 1 Owner, Full Equipment, $25,000

JD (80) 4420, C A w/Dial-A-Matic, Full Equipment, Real Nice And 213 Flex

JD (77) 6600 Side Hill, Good Cond.

JD 6600 Side Hill CA Hydro w/643 Cornhead

(75) 6600 D. Rotary Screen good

JD 6600 Gas w/443 Cornhead, As Is

JD (77) 4400 D., C.A

JD 4400 Gas, 13' grain.

IH (78) 1460, C.A., Hydro, Real Nice w/820-17½' Flex.

MF (78) 760 C.A., V-8, Hydro., 4 WD, w/2 Heads.

(77) MF 750, C A., Turbo Hydro., Very Good

MF (76) 750 Cab, Air, Hydro

MF 750, C.A. Hydro.

Gleaner F2 D, C.A. w/13' Grain & 438 Corn, Nice.

Gleaner F2 D C.A. w/13' Grain

(77) IH 815 D, C A Hydro, 4WD w/810 Grain & 4R Corn.

IH D 915 C.A. Hydro w/863 & 810 Grain

IH (77) 715 D. C A w/810 Grain & 844 Corn Heads, IH 715 Gas, C A w/810 13' Grain, NH TR70 C A Hydro w/Cat Dsl

IH 615 Combine, Gas w/810 10' Grain And 833 Corn Head, Good Cond

IH 715 Gas w/Cab & 810 grain for $4,850, MF 300 Gas w/Cab, 2 QT Heads, g SOLD condition; IH 80 & 82 Pull Combine, N H. TR70 C A. Hydro.

NI 702 & 705 Uni-Systems w/Full Eq.; NI 702 D w/727 bed & 3R C.H.; NI 702 Uni w/727 And 735 Corn Head; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House; NI Uni 838 Husking Unit w/841 Feeder House.

CORNHEADS: JD 644, 643 LP, 643, 444 LP, 443 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 454 Row Crop Head.

IH 983; 963; 863; 844; 833; 744; 743; 327; 3R; 227.

AC GL 440, C440, A438 Black, A630 Black, L2, M430, Gleaner C430 C H, F335.

MF 1163, 1144, 1143, 63, 44, 43, 24, 222, 422.

NI 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404); NH 962 4RW, 6RN Corn Head.

NH 974 W4; NH 962 N3 & 962 W4; NH 924, 4RW; White 706N; Oliver White 4N; White 703.

GRAIN HEADS. J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid.

820 16½' Flex.

IH 810-13' Thru 17.5' w/ Reg or Floating.

MF 10'-16' Reg. or Floating Bar, A C. E10'.

NI 713 Flex Or Rigid; NI 715 S Flex.

NH 960, 13' and 16'; E 10' Grain Head.

TRACTORS:

JD 8850 4WD, C.A., 3 Pt., PTO., Fully Equipped; JD 8650 4WD w/3 Pt. And Duals; JD 4850 C.A P S., MFWD, Full Equip., Real Nice; JD 4850 C.A P.S., MFWD, And Duals; JD 4650 C.A.P.S., MFWD, Like New; JD 4650 C.A.P.S., Real Nice; JD 4450, C.A.P.S., MFWD, Real Nice, JD 4450 C.A P.S, MFWD, w/New Radial Tires; JD 4450, C.A P.S., MFWD, Duals; JD 4250 C A P S., MFWD, Real Nice; (85) JD 4250 C A.Q R; 4050 C.A.P.S., MFWD, Real Nice; JD 4050, C.A Q.R, 1900 Hrs., Excellent Cond.; JD 2950 CA, MFWD; JD 2950, ROPS, MFWD; JD 4050, ROPS, QR; JD 4050, ROPS, Power Shift; JD 2950 C.A., MFWD; JD 2950 CA, 16.9x38 Tires; JD 2950 MFWD w/Rollguard; New JD 2355; JD 2550 w/175 Loader, Like New; JD 1250 w/Power Steering; JD 8640 C.A., 4WD, 20.8x38 Duals, Full Equip; JD 4840 C.A.P.S., Duals; JD 4840 C.A.P.S. Duals & Quick Hitch; JD 4840 C.A.P.S., w/Duals; JD 4640 C.A.P.S., 18x42 Duals; JD 4640 C.A., Q.R., Duals; 4640 C A P.S; JD (81) 4440 C A.Q.R., 1 Local Owner, Like New, JD 4440 C.A.Q R.; JD 4440 C.A.Q.R., (81) JD 4240 C.A P.S; (82) JD 4240 C A Q R, (81) JD 4240 C.A Q R, JD 4240 ROPS, QR, JD 4240, ROPS, QR; JD 2940 MFWD, JD 2940, Full Equipment; JD 2840 w/ ROPS, JD 2840, JD 2240 w/146 Loader, JD 2040; 4630 SR w/Cab & Air, JD 4630 Fender, Syncro Range; 4430 C A.P.S.; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4430 C.A., 8-Spd., One Owner; JD 4230 C.A.Q.R., Nice; JD 4430, C.A.Q.R.; JD 4230 C.A.Q.R., Nice Cond.; JD 4230 CA, Syncra Range, Nice; JD 4430, QR, cab front wheel assist; 4430 ROPS, Syncro Range; JD 4230 C.A.Q.R.; JD 4030 Quad Range w/Cab; JD 4030 w/Cab, Q.R.; JD 2630 Utility Dsl.; JD 7520 C.A., 4WD, Needs Motor Work; JD 5020 (Needs Motor Work); JD 4520 ROPS, PS; JD 4320 18.4x38 Duals, Real Nice; JD (6) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; 4020 S.C., W.F.E.; JD 4020 D, WFE, Very Nice; 4020 P.S., S.C., W.F.E.; JD 4020 Dsl., WF, 2 Hyd., Nice; 4020 WF, Powershift, Orig. Paint, New 18.4x34's; JD 4020 Tricycle Dsl., Side Console, Nice; JD 4020 w/Cab, Real Good; JD 4000 D WFE; JD (72) 3020 Tricycle Dsl; JD 3020 SC, w/ ROPS, Power Shift; JD 3020 D, WFE, Power Shift; JD 3020 Dsl., WF, Dif. Lock, Dual Hyd., ROPS, Good Condition; JD 3020 Dsl., WF, JD 3020 D Tricycle, JD 3020 D, WFE; 2520 Dsl, JD 3020 G.; JD 2020 Gas ROPS, w/Hi-Lo And Side Mounted Mower; JD 2020 Gas, Real Nice; JD 2020 Dsl; JD 4010 WFE, Nice, JD 4010 Diesel, As Is; JD 4010 Tricycle, Gas, w/ Cab, Nice; (2) JD 3010 D WF; JD 3010 D, Tricycle; JD 3010 Gas; JD 3010 Gas w/Loader, JD 2510 Tricycle, Gas; JD 2010, Util. Gas; JD 620 Gas, w/PS; JD 620 Tricycle w/3 Pt, 1932 JD D, Original

IH 5488 C A., MFWD, IH 5488 ROPS, MFWD; IH 5288 CA w/20 8-38 Duals, IH 5088 C A, IH 3588 2+2, One Owner, 1400 Hrs, IH 1586 C.A Real Nice; IH 1586, CA, Duals; IH 1586 C A (Needs Trans. Work), 1586 w/R.G.; IH 1486 CA; IH 1486 CA, IH 986 C A.; IH 986 ROPS; IH 186 Hydro, ROPS; 886 w/R G.; F686 Original; IH 4166 4WD, w/3 Pt. And PTO, IH 1466, C.A, 18.4x38 Duals; 1066 w/Yr. Round Cab; F 1066 Fender, Original; IH 1066 (Needs TA); IH 1066 Fender; 1566 w/Cab; 1466 w/ Cab; 1466 Fender; F766 w/Factory Cab; 766 Fender Dif-Lock, New Tires; IH 784 MFWD; IH 684 Row Crop Utility; 574 D. w/Loader; Farmall 544 Gas, WF, 3 pt.; IH 544 Utility Gas; IH 464, Gas w/ ROPS, Real Nice; IH 444 AC D17 Dsl. WF; AC B w/ Cultivator.

(86) Deutz Fahr DX 8.30A, 190 HP, C.A.P.S., MFWD, Nice; Deutz 5506 w/Dunham Lehr Loader, Nice; Deutz Fahr DX 830 C A P S., MFWD.

CASE IH 685 C A. MFWD, w/110 Hours; CASE IH 3294 CA MFWD, Radials, Real Nice; Case 2294, C A P.S., Like New; Case 2094 C A P.S., MFWD, Case 4690 C A, P S 4WD, Full Equipment, Case 2590, CA, PS, 1600 hours, Case 2390 CAPS, Duals, CASE 2390 C.A.P S., Duals; Case 2090 C.A.P.S; Case 2290, C A.P S., 20.8x38 Radials; Case 2290, C A.P.S.; Case 1690 C A., MFWD; Case 1390, Case 1370 C.A.P.S; Case 970 ROPS; Case 970, 930 SOLD 3 pt.; Case 930 (Needs Motor Work); Case 730 Gas w/3 Pt., WF.

MF 2805 C.A., 24 Speed, w/ Duals; MF 2705 C.A., 24SP.; MF 2705, C.A., 8SP.; MF 2705, C.A.P.S.; MF 2675 C.A. 24-Speed; MF 1150 w/Cab; MF 1150 Fender w/Duals; MF 1135 C.A., MP, Nice; MF 1135 w/Cab, 8 Spd; MF 1100, MF 1100 Dsl., WF, As Is; MF 1085; MF 245 Dsl. w/PS; MF 175 Dsl, As Is; MF 165 U. Gas; MF 135 Gas; MF 85 Dsl., Original; MF 35 Dsl.; Ferguson 20 w/Ldr.

Ford TW5, C.A., MFWD, 800 Hrs., Like New; Ford TW30 C.A., Duals; Ford 7710 C.A., Nice; Ford 7770 CA, DP; Ford 7700 ROPS, New 18.4x34 Tires; Ford 8000; Ford 8000 (Needs Reverse); Ford 4000 Dsl., original paint; Ford 4000 Gas; Ford 3000 w/PS w/Ford 772 Ldr.; Ford 3000 Gas w/PS, Good Cond.; Ford 3000, As Is; Ford 2000 Gas w/PS And Loader, Ford 871 w/Power Steering And Front Blade; Ford 9N w/Ldr.

WHITE 2-135, C.A; White 2-85 w/Cab; White 2-85

OLIVER 1955 Original; Oliver 1855 MFWD; Oliver 1755, As Is; Oliver 2050; Oliver 1650 SOLD WFE; Oliver 1600 Tricycle Gas, As Is, MM G1000 Nice.

Tractors & Equip. Just Traded:

IH 966 w/2350 Ldr.; IH 2355 Loader, Like New, JD 3800 Harvester, JD 660 Rake w/Dolly Wheel; JD 4450 C.A.P.S, MFWD, IH 5488, C.A., MFWD; IH #50 12' Stalk Shredder, Like New; AC 175 w/Cab; Oliver 1655 D, WFE; JD 4630 C A Q R, FWD, w/ Duals, MF 65 Utility Gas w/Ldr.; IH 706 Dsl. w/2000 Ldr.; Brillion 12' Packer; NH 1495 Dsl., C.A., Hydro; Gehl Grinder Mixer; Witmore Grinder Blower, MF 35, Oliver 77 Gas, WF, Oliver Super 88; Oliver 1800 Gas; Oliver 1650 Tricycle, Dsl.; Oliver 1755; Oliver 1855, As Is; JD D; Glenco 7 Tooth Soilsaver w/New Blades, Case 1210, IH 990 9' Haybine, Steiger Bearcat 2 w/Duals And 3 Pt.; IH 2000 Loader; NH 890 3R Silage Head, White 2-155, C.A.; Deutz DX160, C.A., MFWD, As Is; IH 5488 w/Duals; 8' Seeder.

CORNPICKERS: (4) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers; NI 325 w/8 Roll Bed; (4) (Used) 324-2RW w/12 Roll Huskers; NI 324 Picker w/8 Roll Bed; Shellers & Super Shellers; NI 323 Picker; NI 330 3R Picker w/12 Roll Bed.

New N I 329 Super Sheller List $6700 00, Special $3,550, N I 330 - 3 RN w/Supershellers, 325 2RN w/Grinder.

PICKER JD 300 P SOLD N Corn Head, NI 319 Mtd, NI 319 2 Row Mounted Picker w/12 Roll Bed

FORAGE EQUIP Forage Harvesters w/Choice of Heads

JD 3960 w/2 Heads, Full Equip, JD 3800 Chopper Hay Pick-Up, JD 3960 w/3R Cornhead JD 3960, JD 35 Chopper

NH 900 Chopper, Like New, NH 900 Chopper NH 890 w/Electric Controls, 2R Corn & Hay Pickup, NH 770 w/heads NH 770 w/822 Cornhead, NH 718 w/1 Row Cornhead NH open end hay pickup heads 6', IH 830 Chopper w/2 Row Corn, IH 720 w/2R And Pickup, Good Cond

Hesston Field Queen 7600, Self-Propelled Chopper w/3 Row And Pickup

NI 709 Uni, 4WD, w/767 Chopper and 4 Row Cornhead

MF 200 Chopper w/2R Cornhead, Hesston 7020 w/Hay Pick Up

Fox Super D w/Cab 3R C H & PU

Gehl 1200 Chopper Elect Controls w/3R Corn Head And Pick-Up

Gehl CB 1200 Chopper

Balzer 1014 Hydraulic Dump Station

FORAGE HEADS NH 717-S Direct-Cut for 770 & S717, 890 EN-2RN Snapper, 770-1R Snapper, (3) NH 822 Silage, NH 890 w/2 or 3R C H, NH 890 2R Snapper Head, NH 890 Direct Cut Head, 1, 2, & 3R Silage, NH 880W PU, NH 880 S Direct Cut, NH 890 N3 3R Corn, Incomplete

JD 3R 36" Silage Head, J D 2 & 3R Snapper, 2 & 3 R Silage, Used 5½' and 7' Hay Pickups, JD 343 Cornhead w/Adapter Plate, JD 243 C H w/adapter plate, JD 244 Cornhead w/Chopper Plate, Like New, 3 JD C H harvester adapter plates, JD 4RW Stalker Head

IH 720 & 830 Hay Pick Up, IH 830 3 Row 30" Cornhead, IH Direct Cut Head w/2RN & Hay PU for 650, NI 766 Hay PU, Gehl 1000 Hay Pickup, Gehl 2RN Corn Head

2 CSB 2RW - Snapper, 263-2 RW, 109 Hay Pickup

BLOWERS Gehl 99 Blower, NH 30, Farmhand Burr Mill Blower

FLAIL CHOPPERS Used NH 38, JD 27 Stalk Shredder, NH 38 Flail Good Condition, Bearcat 72A Flail Chopper

SILAGE WAGONS Fox 1016 Dump Station, (2) JD 716 Tandem Axle w/Roof, Hesston #10 Stack Wagon

HAY EQ BALERS Deutz Allis HD 490 Baler w/Thrower, Like New, JD 466, JD 347 Baler w/Thrower, JD 347 w/Thrower, JD 327 Baler w/Thrower, JD 327 Baler w/ Chute, JD 336T w/Thrower, JD 336 Wire w/Thrower, JD 24T w/#30 Thrower, JD 24T w/#30 Thrower

NH 326 Baler, NH 326 w/70 Thrower Used 3 Seasons, NH 425 Wire Tie Baler, NH 320 Baler, NH 320 Baler w/70 Thrower, NH 315 w/70 Thrower, NH 315 w/Thrower, NH 315 w/70 Thrower NH 276 Wire Baler, NH 276 Baler NH #75 Ejector, NH 848 Round Baler w/ Memory Wrap, NH 851 Rd, NH 847 w/Auto Wrap, Like New, NH 847 Auto-Wrap, NH 846 Hydr Wrap NH 846 Hyd Wrap Hesston 5600 Round Baler, Real Nice

RAKES Vermeer R-21A Twin Rake MF 585 w/Dolly Wheel

NH 258 Rake, NH 259 Rake, NH 56 Rake, New NI 406 Rake, Hyd Drive w/Dolly Wheel Fahr 4 Star Tedder, Fahr 4 Star Tedder w/Big Tires

HAYBINES (1982) NH 1495 D C A Hydro, 800 Hrs, NH 1495 D Hydro w/Half Cab NH 1495 Gas Haybine, NH 499 Hydro Swing Haybine, Very Nice, 495 NH 489 Haybine, Real Nice (3) 489 NH 488, NH 479, 478, 477 (4) NH 467 Haybines, New JD 1600 Hydroswing Haybine (Damaged), JD 1219 JD 1209 Haybine, JD 1209, IH 990 7' Haybine JD 1327 Diskbine Like New Hesston PT7

New MC 7E MC9E Rotary Scythe NI 272 Cutditioners NH 1010 Bale Wagon, Good Cond NH 1005 Bale Wagon, NH 1002 Bale Wagon

PLANTERS AC 333 6R No Til Planter, JD 7000 6R Cons Dry Fert JD 7000 6R Cons Liq JD 7000 4R Liq, (Used) 7000-6R Cons Liquid w/No Till, JD 7000 6R Conservation, Dry Fert, JD 7000 6R Corn Planter, Dry Fert, JD 7100 6R Planter, 3 Pt, JD 5R Splitter w/No-Til, JD 7000, 6RW Plate Planter, 7000-4R Dry & Liquid (2) JD 7000, 4R Dry Fert, Full Equipment, JD 7000 4RN Liq, JD 7000 4R Planter, Dry Fert, Real Good, IH 800 4RN Liq Plate Planter, IH 800 4R Liq Air Planter, Hiniker 4R Econotill, No-Till w/Kinze Units, IH 56 4R Planter, White 5400 6R Corn Planter, Dry Fert, AC 600 4R No-Til Planter

DRILLS JD 8300 21x7 DD, JD 8300 21x7 Single Disc Drill JD 9300 Tandem Drills, Moore 18x6 No Til Drill, Tye 24x6 Drill, IH 5100 Drill 21x7 w/Press Wheel And Seed 510 24x6 Double Disc, Brillion SS-1201 10' Seeder w/Transport

GRINDERS/MIXERS Owatonna 450 w/Scales, Bearcat 1250, JD 750 Grinder/Mixer, NH 352 Roto Grind Tub Grinder

TILLAGE EQ PLOWS IH 440 3X Plow, Ford 3X Plow, IH #60 3X Trailer Plow, White 3X Spring Reset, Oliver 3X Roll Over Plow JD F325 4X, 3 Pt Hydr Reset Plow JD 3X Rollover Plow IH 140 4x18 Rollover JD 1250 4X Semi Plow IH 540 4X Semi Plow JD 1450 5x18 Plow JD 1450 6X JD 145 5x16 Semi Trip Plow JD 2600 4X Trip Plow JD 5X 16 Semi Mount Plow JD 2500 5X Spring Reset, JD 2500 5x18 Spring Reset Plow, New Taylor way Pittsburgh 5X 18 Spring Reset IH 710 5x18 On Land Hitch Plow, IH 700 4 and 5X Spring Reset Plow, Oliver 546 5X Trip Plow, IH 720 6x18 Plow IH 720 6x16 Spring Reset On Land; Ford 6X Spring Reset On Land Hitch, White 508 6X Reset 6B Semi, IH 700-6x16 Spring Reset White 549 5-6x18 Spring Reset, JD 2700 6X Plow, Case 400, 6x18 Spring Reset On Land, (2) JD 945, 5X Semi Rollover, JD 2800 6X On Land, (2) JD 2800S, 7X, JD 2800, 7X Onland, IH 710, 7X Onland, JD 2800 7X On Land, JD 3600 8X Spring Reset, On Land, JD 2800 8X Plow, IH 800 10X Plow

CHISEL PLOWS Athens 6' Chisel Plow, JD 1600 10' Pull Type Chisel, Brady 12' Chisel Plow, JD 1600, 12' Chisel, Bush Hog 10' w/ Buster Bar, IH 55 13 Tooth Chisel

DISCS JD 9' Offset Orchard Disc, Bush Hog 245 14' Offset Disc, Miller 10' Offset Disc, White 281 12' Offset Disc, IH 770 10' Offset Disk, Like New, IH 770 20' Hyd Fold Offset Disc, JD 110 12 Rock Flex, White 252 12', JD 210 14' Disc, Real Nice, Krause 10' Disc, Miller 12' Offset Disc White 15' Offset Disk, AC 2300 20' Hyd Fold Disc, Case F21 21' Hyd Fold Disc, Dunham Lehr 34 20' Rock Flex Disc, Case DOT 21' Hyd Fold, Very Good, Rhino F90B 22' Hy Fold Rock Flex, JD 230 24' Hyd Fold Disc, JD 330 25' Hyd Fold Disc

MULCH TILLERS JD 1710 7 Tooth Mulch Tiller, Willbeck 13 Glenco SS18 Fold Soil Saver, Glencoe 13 Shank Soil Saver, Rhino 890 5 Tooth 7' Soil Saver Like New

CULTIMULCHERS Dunham Lehr 10 w/Inside Whls, JD F950 12 JD & Brillion 10' 12 13 & 15, Brillion WM 360 30' Flat Fold Cultimulcher, Like New

CULTIVATORS JD 4R Front Mount Cultivator, JD AT 40 4R Front Mount Cultivator; IH 68 4R Front Mount Cultivator, McKee 4R S Tine McKee 4 Row S-Tine Cultivator, (2) JD RG4, JD & IH 6R 3 pt Glenco 6R S Tine Cultivator, Noble 6R S Tine Cultivator, IH 65 6 & 8R Front Mounted Cultivator, JD 8R Cultivator, 8R S Tine Cultivator, 8R Fold S-Tine Cultivator JD 1010 28' Hydraulic Fold Field Cultivator, JD 20 3 Pt Field Cultivator, White 283 20' Hyd Fold Harrow, Brillion 18' Wing Harrow, Brillion 23' Hyd Fold Field Cultivator

MISC Brillion 24' Hyd Fold Packer, Brillion 25' X-Fold Packer, Brillion 12' Packer, Glencoe 12 Soil Finisher, JD 5 Shank V Ripper, 5 Shank V Ripper, Brillion 7 Shank V Ripper, IH #14, 6 Shank, Spring Reset V Ripper IH 14 9 Shank Spring Reset V Ripper

INDUSTRIAL New Arps 740 3 Pt Backhoe, MF 2200 Dsl Forklift, As Is Cat 955 Ldr, As Is IH 250A Dsl Industrial Loader JD 401B Dsl Ind

1978 Case 580C Dsl L B ROPS Cab w/Heat, Case 580B LB w/ ROPS, AC 715B L & B JD 300 Gas Loader Backhoe IH TD14, Angle Blade, $2,995 JD 350B Crawler Loader w/Winch (As Is) JD 450C Crawler Loader, JD 555 Crawler Loader, JD Winch And 4 In 1 Bucket For JD 450

SKID LOADERS Bobcat 444 Bobcat 533 D Skid, Case 1740 Dsl Skid Loader, Case 1845 Gas Skid Loader, Case 1845 D Skid, (85) Case 1845 B Dsl Ford CL 40 Skid Loader

LOADERS & BLADES JD 46A, 48 58 145, 146 w/Grapple, 148 260, IH 2455 Loader, IH 2350, 2250, Case IH #90 Ldr, Like New, Case 66 Loader, Ford 727 Loader, Ford 720 Loader, Artsway HD loader for 4WD, AC 500 Loader for 185, etc, AC Loader For D17, Ford Ldr For 8000 Etc JD Fork Attachment, JD 8' Dozer Blade For 4430, Etc, JD 155, 9 Heavy Blade w/Hydraulics, Leon 12' Heavy Duty Front Blade Amco 905 Heavy Front Blade, York 8' 3 Pt Stone Rake

LAWN & GARDEN Ford 1500 MFWD, Ford 1710 w/Ford 770A Loader AC 5030 w/Mower & Blade, Bolens G154 Dsl 4WD w/3 Pt Mower And Front Blade Bolens 174 4WD w/Mower JD 950 w/Ldr Cub Cadet 582 w/Ldr And Mower, Farmall Cub w/ Mower Cub 184 w/Mower & Creeper Trans Cub 185 Lo Boy, Cub 154 Lo-Boy With Creeper Trans, 154 Lo-Boy w/3 Pt, Cub 154 w/Ldr, Cub 154 w/Blade Yanmar 14 HP Dsl, (3) Farmall Cubs w/Mower Cadet 782 1100 And 1650, JD 400 w/Ldr And 3 Pt Woods Mower, JD 400 w/ Mower, JD 318 317 316 300 216 214 212 210 160 (New) Johnson Loader For Cub Loboy, Snowblower For JD 300 Series Woods 306 Belly Mower Like New, Woods 6 Belly Mower

New Yanmar YFL 1000 Ldr Schutt 3PT Tree Digger

ROTARY CUTTERS JD 1508 Wing Cutter Woods 120 10 Offset Cutter, King Cutter 4' Pull Type MC 7' Heavy Duty Mott Mower, Hardy H360C0 Ditch Bank Cutter

SICKLE MOWERS JD 350, 7 & 9 Ft NH 450 3 Pt, NH 451, NH 455 Pull Type Sickle, IH 1300

MANURE SPREADERS NI 354 Tandem Spreader, NI 353 Tandem Spreader, Martin V3300 Tandem Tank, NI 212 Spreader, Martin Manure Auger, 4 Shank Manure Injector

New Killbros Bins & Running Gears

MISC Powell 3R Transplanter, John Blue 1,000 Gal Tandem Axle Sprayer, Edwards Hydro-Swing, Tree Booms, w/Foot Controls, NI 716 32' Elevator w/Motor & PTO, Smoker 22' Elevator, Westfield 18' Auger w/Electric Motor, Ritaway Rock Picker, Leon Rock Picker, Farmhand 8' Snow Blower, JD Quick-Couplers, JD WF, 4WD, I H Flat Top Fenders For 706-1466, I H 66 Series Cabs Year-Round Cab w/Air For IH 66 Series, Damaged IH 84 Series Cab, J D & I H Front & Rear Wts, JD 243 Corn Head w/ Adaptor Plate, New WFE For Ford 7700, Myers Snow Blade for IH 240

Muv All 30' Hyd Implement Trailer

J D Roll Guards Fast Hitch for 560 & 450, JD belly mowers for JD 850 & 950 etc

STRAW CHOPPERS For J D 4400 6600, 6620, 7700, M F 510

MECHANICS SPECIALS TRACTORS 4020 Tri JD 3010 D, As Is

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IH 1086 C A	$ 8,900
COMBINES	
1973 JD 6600 D C.A w/Grain Head	$ 3,500
IH '76, 915 D, Cab & Air, Turbo Hydro w/810 grain	$ 8,500
M F 510 Diesel w/Cab & Q T Grain	$ 2,900
(2) IH 205's w/Cabs, 10' Grain Head, Buy The Pair For	$ 1,500
IH 105 w/Cab & 10' Grain	$ 1,200
JD 4400 Gas	$ 3,500
MF 300 w/24 Corn Head	$ 2,250
MISC.	
JD 38 w/2R Corn Head	$ 1,000
NI 325 w/12 Roll Bed	$ 3,500

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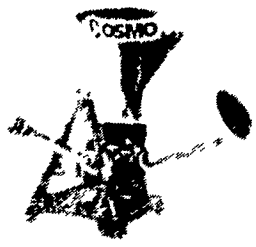

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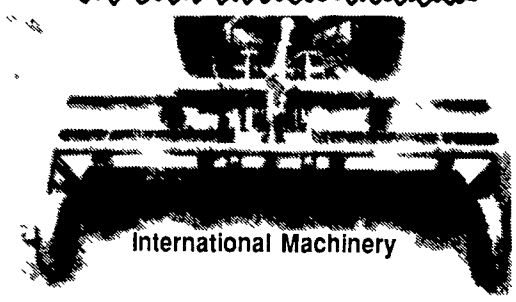

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- Case 530 Spreader
- Case IH 415 Packer Mulcher, 10 Ft 1" Demo
- Case IH 8360 12 Ft Hydroswing
- Case IH 8320 7 Ft Mower Conditioner
- Case IH 8530 Twine Baler w/Thrower
- Case IH 8540 Twine Baler w/Thrower

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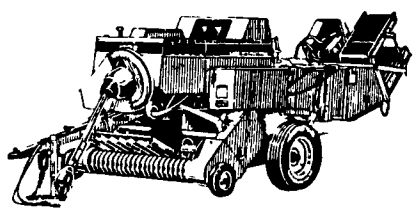

- Case IH 8520 Twine Baler w/Thrower
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- Case IH 8830 12 Ft. Self Propelled Mower Conditioner

Case IH 385, 2WD, Shuttle Shift
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Case IH 485, 2WD, Shuttle Shift, Heavy Duty Front Axle
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Case IH 1845C Uni-Loader - New 60 Hp Model In Stock

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Case IH 145 Rollover Plow, Auto Reset- In Stock
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Case IH 496 24' 10 Disk Harrow
Case IH 496 19'1 Disk Harrow
Case IH 496 18'7 Disk Harrow
Case IH No 10 Sub-Soiler, Manual Reset
Case IH 415 Packer Mulcher, 12'2
Case IH 183 6-Row Cultivator

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7140 - 4WD, Duals

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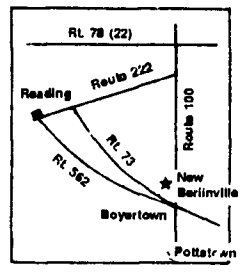

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Ford 5000 Dsl. 1971 Model, 8 spd., 2 remotes, very nice condition
Ford 5000 Dsl. 1974 Model, flat deck, 2 remotes, excellent
Ford 4000 Dsl., 8 spd, flatdeck model w/new tires, nice cond.
Ford 3000 dsl., 8 spd., w/Ford loader and rear weights, very nice
Ford 860, 5 spd. live PTO, excel.
Ford 4000 dsl. 8 spd. 2 remotes, weights and Ford Loader
JD 4020, 1971, side console, syn. range, w/factory cab w/heat, very nice
JD 4430 1975 Cab, air, quad, orig. & very nice
JD 4620 w/factory cab, power shift, 2 remotes, 20x38 radials, excellent
JD 4520 w/year-round cab, air, 3400 hrs., 2 remotes, very nice
JD 3010 dsl., NF, very nice
JD 2950 4WD cab & air, 2 remotes, hi-low, 38" tires
JD 4020 Dsl., Power shift w/weighs and yr. round cab
JD 730 Dsl., NF, 3 pt., PS, weights, nice cond.
JD 730 Dsl., WF, 3 pt., flat top fenders, direct start, 2 remotes, very good cond.
JD 630, NF, 3 pt., PS, all original
JD 620, PS, 3 pt., w/JD 237 mounted picker
White 2-85 Dsl., over and under, 3 remotes, very good condition
White 2-105 3 spd., over and under, 38" tires, very good condition
White 2-85 Factory cab & air, 38" tires, 2500 hrs., excellent
Farmall Super H, factory live hyd. belt pulley, very nice

USED PLANTERS AND DRILLS

Brillion SS 10 seeder w/transport wheels and acre meter, nice condition
JD 7000 4RN, reg. planter, w/dry fert., good condition
IH 56 4R planter, DD openers, insect. boxes, excellent
IH 510 16 disc grain drill w/seed & grass seed, like new

USED PLOWS AND CHISELS

IH 550 5x16 Reg. Trip Plow w/coulters and gauge wheel, excellent
Oliver 4x16 auto reset w/coulters
Oliver 4340 3x14 Trailer plow
Oliver 548 5x18 auto reset w/coulter, excel.
JD 1450 5x16 cushion trip, semi mount, hyd. hitch, coulters, gauge wheel
Wilrich 9 tooth soil saver, excellent condition
Glenco 9 tooth soil saver, good condition
Case 6x18 auto reset w/coulters and gauge wheel excel. (White 588)
Bushhog 3 pt. chisel w/gauge wheels, 8, 10, 12 tooth
JD 100 pull type chisel, 8 or 10 tooth
Ford 101, 316 mounted plow
White 588 5 or 6x18 auto reset, w/coulters, excellent

USED DISCS AND HARROWS

Kewanee 13' rock flex heavy duty cutting disc, very good cond.
Dunham Lehr 14' Cultimulcher, w/dual inboard wheels
JD 1520 12' Plowing Disc, dual wheels & cyl. big blades, nice condition
Oliver 548 5x18 Auto Reset w/Coulter, excel.

USED FORAGE EQUIPMENT

JD 16A flail chopper, late model, nice
Gehl CB1000 w/late model pu and corn head, electric controls, very nice
Gehl CB700 w/2RN corn, 540 PTO, hyd. sharpener, good cond.
NH 1880 self-propelled, cat dsl, hydro, 3 RN corn and pickup
AC long hopper blower PTO driven, excellent
NH 892 w/3 row auger base and PU, elect. controls, very nice
NH 770 w/2RN corn, P.U., HD 540, very nice
NH 890 w/2RN Corn and Pickup, elec. controls, excellent cond.

JD 5400 Self-Propelled 4 WD, Cab & Air, 3 RN Corn Head, 7' Hay Pickup Head, 2200 Hrs., Excellent

USED HAY EQUIPMENT

NH 258 Rake w/rubber teeth
NH 848 Round Baler, 2 yr. old, excellent
NH 316 Baler w/thrower, excel.
NH 479 Haybine, good condition
NH 499 12' hydro swing, excellent
NH 495 12' Haybine, excel.
NH 488 w/stub guards, very nice
NH 256 Rake, very nice
NH 847 round baler one owner, excellent
NH 489 Haybine w/stub guards, very nice

USED SILAGE WAGONS

Papec Dion 3 beater w/roof and tandem
Lamco 2 beater, no roof
Lamco 2 beater, RH unload
JD 716A tandem, 3 beater w/roof

LOADERS

JD 48 Loader w/brackets, very nice
Allied 660 QT loader w/Ford brackets

USED HARVESTER HEADS

NH 890 2 RW Corn
JD 2RW w/clutch
Gehl HA 900 hay pickup
Gehl 3RN late model, good cond.
Gehl 2RN Head, excellent
Gehl TR30 38 late model 2R adj. cornhead
Gehl 6' open end pickup w/dolly wheels
JD 7' Hay pickup w/wheels
NH 1 row corn head, fits 717 or 770

MISCELLANEOUS

NH 679 Tandem Axle Spreader w/gate
MF 410 Combine 13' Hume reel, cab & air, extra nice
NI 323 1 Row, very good condition
JD 18x38 axle mount duals
JD 244 2RW snapper head w/forage harvester adapter plate
Oliver 253 12' finishing disc, w/tandem wheels, very nice

Introducing the M-F 8450 and M-F 8460.

THE NEWEST NUMBERS IN COMBINING. FROM THE OLDEST NAME IN COMBINES.

The people who invented self propelled combines now bring you two new high capacity conventional combines that lead the field in performance features and peace of mind

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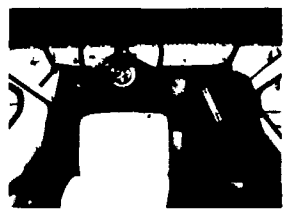
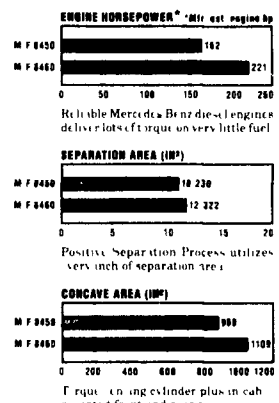
We can even arrange low-rate M F financing or a lease or rental plan to meet your needs See us soon to learn more about the best values around in M F tractors combines and implements



Spacious center mounted cab is damp ened and insulated for less than 80 dB sound levels



Reliable Mercedes Benz diesel engines deliver lots of torque on very little fuel

Positive Separation Process utilizes every inch of separation area

Torque cleaning cylinder plus in cab mounted front and rear concave adjustments let you harvest faster and cleaner

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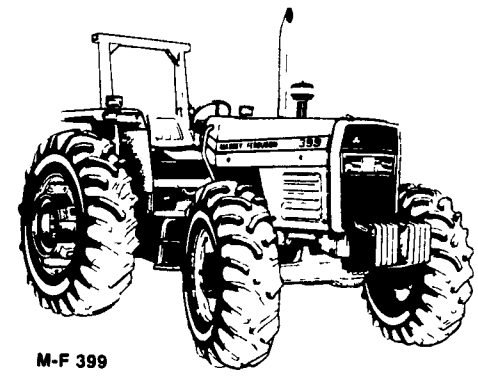
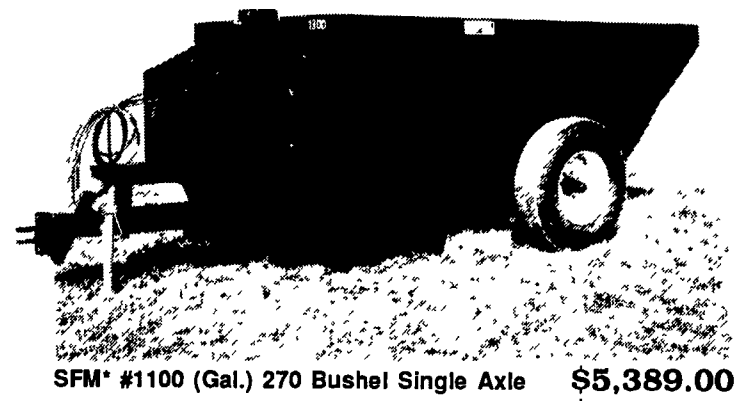
MASSEY-FERGUSON

1989 Demonstrators End Of the Season Clearance



M-F 399



SFM* #1100 (Gal.) 270 Bushel Single Axle $5,389.00
SFM* #1700 (Gal.) 350 Bushel Tandem Axle $7,900.00
SFM* #2500 (Gal.) 525 Bushel Tandem Axle $10,900.00
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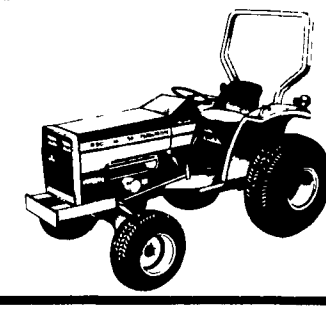
THE ONE TO SEE

1030 - 2WD, 26 HP, Ag Tire $6,700
1030 - 4WD, 26 HP, AG Tire $8,000
1035 - 2WD, 31 HP, Ag Tires $7,600
1035 - 4WD, 31 HP, Ag Tires $8,900
1045 - 2WD, 35 HP, Ag Tires $8,650



NEW AND USED IMPLEMENTS

PLOWS & TILLAGE

MF 115 Coulter Chisel Plow	$5,200
Landoll Field Cultivator	$2,800
Sovema 3 pt Rotary Tiller	$1,075
MF 6 Row Cultivator	$800
Noble 4 Row Cultivator	$2,150
Unverferth Field Cultivator	$2,300
Yetter 15' Rotary Hoe	$2,625

HAY EQUIPMENT

Vicon RP1510 Demo Model	$7,900
McKee Round Baler 4x5	$3,500
J Bar 3 pt 4 Wheel Rake	$475
MF Forage Blower	$1,900
Gehl 1710 Round Balers	$5,500
Hesston 3700 Rake Tedder, 1 yr old	$2,200
Vicon KM 281 Discbine	$5,500
NH 495 Haybine	$2,900
NH 495 Haybine	$1,900
Vicon CM 240 Disc Mower	$1,500
NH 489 Haybine	$3,500
NI Cutditioner	$1,200
NI Cutditioner w/Engine Mount Steel Wheels	$1,200

MISC. EQUIPMENT

Danuser 3 pt Wood Spliter	$780
Danuser 3 pt Post Driver	$1,200
Shaver 3 pt Hyd. Post Driver	$1,700
E Z Trail 8 Ton Running Gear	$1,150
Tye No Till Grain Drill	$7,500
New 14' Belt Elevator	$1,175
Holland Plastic Mulcher	$1,500

ROTARY CUTTERS, BLADES & LOADERS

Woods RM600 Rotary Cutter	$1,550
Brady 840 Stalk Chopper, 84"	$3,200
MF 220 5' Rotary Cutter	$1,050
York 75 HP Rated 8' 3 pt. Blade	$1,075
York 100 HP Rated 8' 3 pt Blade	$1,275
Dunham 22 Front End Loader	$3,350
Dunham 30 Front End Loader	$2,800
Myers Front Mtd. Snow Blade	$1,400
Woods 306 Mid Mount Mower For A 1700 Ford Tractor	

USED TRACTORS

MF 1085	$5,800	Ford Jubilee	$2,750
MF 1085	$4,900	Ford 8N	$2,900
MF 265	$4,700	Ford 901 Tricycle	$2,500
MF 245	$6,500	JD "L" Restored	
MF 165 w/S SOLD dr	$4,900	JD 1010 Dsl Crawler Loader	$4,500
Case 1690 4WD	$11,000	JD 1010 Gs C SOLD Blade	$2,400
Case 1490 Power Shift	$12,500	JD "B" w/Cultivators & Sickle Mower	$1,000
White 2-70 w/Cab		M Moline "Jetstar"	$1,700
IH 674	$3,500	M Moline "U"	$600
IH 464 (New tires)	$4,900	* Skid Steer #1644 Loader, Demo Model	$15,900
Farmall 460 Tricycle, Belt Pulley	$2,500	(*Formerly MF)	
Farmall 240 SOLD er.	$2,500		
Farmall 230 Tricycle, Cultivator	$1,200		

USED COMBINES

1984 MF 860 Hydro V8	$23,500	1975 MI 750 Gear Drive	$4,000
1981 MF 860 Hydro V8 Four Wheel Drive	$25,000	1974 MF 760 Hydro V8	$7,500
1979 MF 750 Gear Drive	$14,000	1971 MF 410 Diesel	$3,000
1977 MF 750 Gear Drive	$12,000	MI 9118 Flex Head	$6,000
1977 MF 760 Hydro V8	$16,000	MI 550 Combine w/MF 1143 Corn Head	
		MI 300 Dsl w/3 Row 30" Cornhead	

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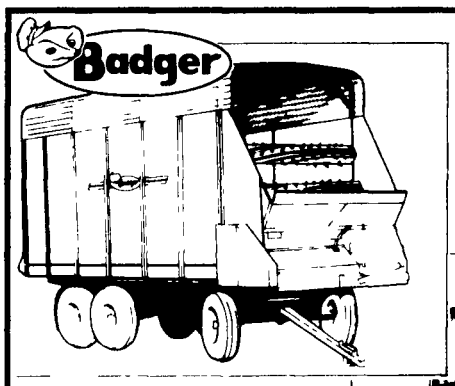

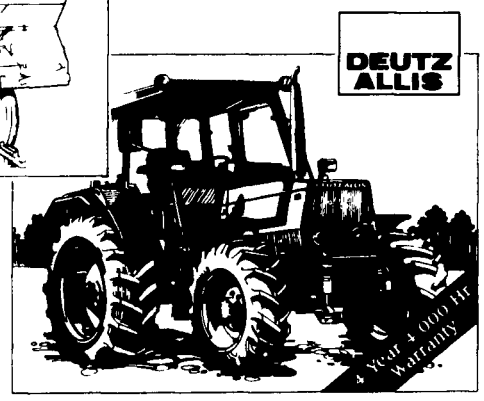

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NH EQUIP.
- NH 488 Haybine
- NH 499 Haybine
- NH 308 Side Distributor Spreader
- NH 565 Baler w/Thrower
- NH 570 Baler w/Thrower
- NH 630 Baler
- NH 848 Baler
- NH 144 Windrow Inverter
- NH 254 Tedder Rake
- NH 790 Chopper

NEW FORD TRACTORS
- Ford 1720, 4WD
- Ford 1920, 4WD
- Ford 7710, cab & air, 4WD
- Ford 8630, 2WD, Powershift
- Ford 555C TLB w/Cab
- Ford 555C TLB, 4WD w/Extend-a-hoe
- Versatile 276 w/Loader

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7.4%, 24 mo.* 11.4%, 60 mo.
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* Or, 0%, 24 mo. for compact diesels (excluding 2110, 2120) and C Series TLBs and 755s only
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COMBINES
- **NH** TR-70 1979 Combine w/13' Grain Head And 6RN Corn Head
- **NH** TR85 4WD w/Grain Head
- **Case** 660 w/Grain & 2R Corn Head

HAY & FORAGE
- **NH** 489 Haybine
- **NH** 38 Crop Chopper
- **NH** 469 Haybine
- **NH** 30 Forage Blower
- **NH** 315 Baler w/Thrower
- **NH** 283 Baler w/Thrower
- **NH** 278 Baler w/Thrower
- **NI** 272 Cutditioner
- **NH** 782 Harvester w/New Heads
- **NH** 717 w/1 Row Cornhead
- **Gehl** 5100 Round Baler

USED TRACTORS
- **Ford 8600 w/Cab, Dual Power**
- **Ford** 6600 Diesel Dual Power Royal Cab, Weights Front & Rear 2 Remotes
- **Ford** NAA
- **Ford** 5000 Gas
- **Cub** Lo-Boy w/Woods Mower

MISCELLANEOUS
- **Woods** Mower 72" Belly Mtd. For 1910 Ford
- **NH** Grinder Mixer 358, New Tank And Augers
- 1150 Grinder Mixer

TILLAGE
- **Ford** Demo Soil Saver 9 Teeth
- **New Wilrich** 10 Tooth Chisel, 3 Pt.
- **Ford** 152 6 Bot., Auto Reset
- **Ford** 101 2 Bot. And 3 Bot. Trip Plow
- **JD** 5X Plow

USED INDUSTRIAL TRACTORS
- **Ford** 455 TLB w/Extenda Hoe 2 Lever 74 Hrs.
- **Ford** 555B 2 WD 14 Ft. Hoe Cab 2 Lever 199 Hrs. 16.9-28
- **Ford** 555A TLB w/Rops, Nice
- **NH** L775 Skid Loader, Gas
- **Ford** 4500 TL
- **Cletrac** D-2 Dozer

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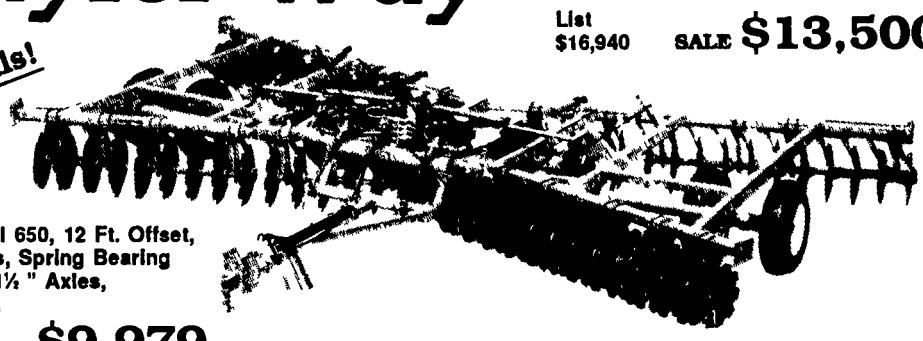

New Model 650, 12 Ft. Offset, 26" Blades, Spring Bearing Harrows, 1½ " Axles, Scrapers...
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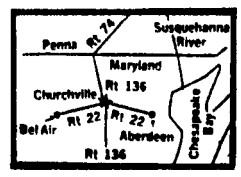

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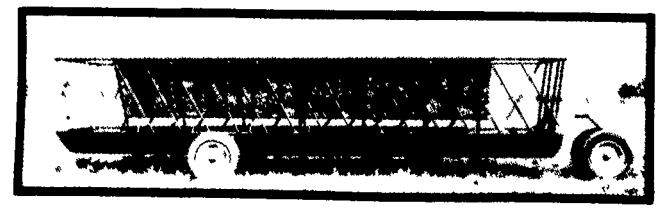

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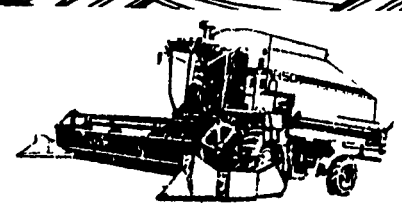

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AC 7040 D w/Cab, Air, Heat
AC 6080 D Low Hours
AC 7050 D w/Cab, Air, Heat, Excel
AC 7060 D w/Cab, Air, Heat, Excellent
AC 5040 D w/Low Hours
AC 5050 D Excellent
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Ford 4000 D
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Ford 8N
Farmall M
MF 1150D w/Cab
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JD 3010 D
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Case 1845 Skid Loader w/Kelly 30 Backhoe
Bobcat 743 Skid Steer Loader
NH 454 Skid Steer Loader (Only 207 Hrs)
NH 225 Skid Steer Loader, Good
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JD 4230 D, Excellent

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AC Gleaner FKS D w/Cab, 13' Grain & 438 Corn Heads
AC Gleaner F2 D, w/13' Grain and 430 Corn Head
AC Gleaner E w/Cab, 10' Grain And 238 Corn Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
MF 750D w/Cab, Air/Heat & 630 Corn Head, 2100 Hrs EXCELLENT!
NH 975 Gas w/Cab & Both Heads
NI Uni-System 701 w/710 Power Unit, 10' Grain & 2-Row Wide Corn Heads
NI 2R Full Type Husker w/325 Husking Bed & 329 Sheller, Excellent!
NI 323 1-Row Picker, Excellent!
NI 324 2-Row Picker

MISC.
(2) Weaverline 330 Silage Cart
NH 350 Grinder/Mixer
NH 352 Grinder/Mixer, Excel!
NH 357 Grinder/Mixer, Excel!
Gehl Grinder/Mixer
Moridge 400 Grain Dryer, PTO, Elect

TILLAGE
AC 2000 6-Bottom Plow, On Land
IH Auto Reset 6 Bottom
Oliver 546 5B Automatic Reset Plow
JD 5B Spring Trip Plow
JD 4B Semi-Mount Plow
(2) MF 4B 3 Pt Plow
JD 1000 12' Disc w/Trans Harrow
JD 17 Disc Grain Drill
AC 600 Air Champ Planter 6-30" Rows
(2) AC 600 Air Champ Planters, 4-30" & 4-38" Rows
JD FBB15 Double Disk Grain Drill

MANURE SPREADERS
NH 675 w/Endgate, 300 BU
NH 518, 220 BU
NI 214, Liq Pan, 210 BU , A-1!
(3) NI 213, 177 BU
IH 550 w/Endgate, 200 BU

HAY TOOLS
Hesston 6600 Self-Propelled Haybine
JD 1209 Haybine
(2) NH 489 Haybine
NI 279 Cutditioner
(2) HESSTON 1014 Hay Conditioner
Case IH 8440 Round Baler, Like New
JD 346 Wire Baler
Case IH 8440 Round Baler, Like New
IH 2400 Round Baler
NH 276 Baler w/Kicker
JD 336 Baler w/Kicker
NH 310 Baler w/Kicker
NH 273 Baler w/Kicker
NH 275 Baler w/Kicker
NH 320 Baler w/Wire Tie
(2) Grimm Ground Driven Tedder
Vicon 165, 5½ ' Disk Mower, EXCEL!

FORAGE HARVESTERS
NI 767 Self-Propelled w/702 Power Unit And 238 Corn Head
NH 28 Forage Blower
Gehl 660 Forage Blower
AC 63 Forage Blower
NH 717 Harvester w/Pickup And Cornheads
JD 35 Harvester w/Pickup And Cornheads
770 1 Row Snapper Head For NH Choppers

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Used Lagoon Pump
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FENDER TRACTOR
With torque, 3200 hours
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JD 3020, P.S., S.C.
JD 2510, P.S., G
JD 3010, G
JD 2020, G
JD 1010 w/Ldr.
JD 730 G

MF 65G
MF 135 G
MF 35G, PS
MF 50, P.S.
MF 20 w/Ldr.
Int. 454

New IMT Tractors
539 $7,900
542 w/Ldr., $11,900
560D, 4WD, $14,900

DIVERSIFIED ENTERPRISES
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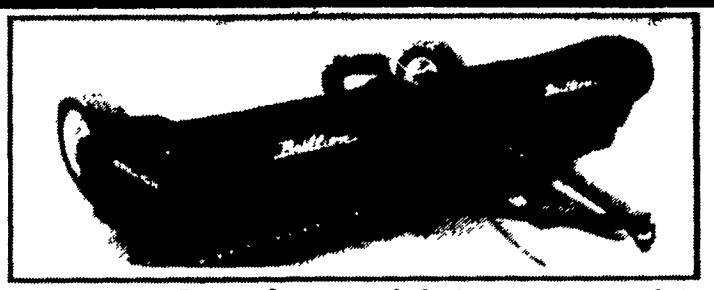

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1982 2640 Dsl., Hi-Lo, Ind. PTO, Very Nice
1985 2550 Dsl., MFD, 1300 Hrs., Exc. Cond.
1987 JD 4050 Dsl., 15 Spd., Power Shift, 4 Post Roll Guard, Very Nice
1982 JD 4040 Dsl., Cab, Air, Power Shift, Very Nice
JD 4440 Dsl., Cab, Air, Power Shift, 20x38 Rubber, Very Nice
JD 4430 Dsl., Cab, Air, Quad, High Back Seat, Triple Hydraulics
JD 4240, Cab, Air, SOLD, 2800 Hrs., Very Nice
1982 JD 4240 Dsl., Cab & Air, Power Shift, 18x38 Radials, 1500 Hrs., Exc. Cond.
JD 950 Dsl., Roll Guard, 520 Hrs., Exc. Cond. Hrs., Exc. Cond.
JD 3020 Dsl. Side Console WF, Syncro Range
IH 5088 Cab & Air, 20x38 Rubber, Very Nice
IH 1086 Dsl., Cab, Air, 2500 Hrs., 20x38 Rubber, Very Nice
1975 IH 1066 Dsl. Fender Tractor, Dual Hyd. & PTO, Excel. Cond.
IH 986 Dsl., Cab & Air, 38" Rubber
1976 IH 766 Black Stripe w/Cab, 2900 Hrs., Exc. Cond.
IH 686 Dsl., WF, Dual Hyd., Very Nice
1975 IH 766 Dsl., 3PT, Dual Hyd., 38" Rubber
1985 AC 6080 Ds SOLD, Air, 2,000 Hrs., 1 Owner, Very Nice
1979 AC 7000 Dsl., Cab & Air, Very Nice
MF 2705 Dsl., Cab & Air, 24 Spd., Power Shift
Ford 7000 Dsl., 2200 Hrs., Load Monitor, Very Nice
Ford 2000 Gas, Power Shift w/Indust. Loader, No. 3PT, 1500 Hrs., Very Nice
Ford 601, PS, All Orig., Very Nice

QUALITY COMBINES
(Displayed Inside Building)

AC Gleaner E w/Cab, 10' Grain Platform
Gleaner K w/Cab, Grain Saver, 10' Grain Table
1984 JD 4420 Dsl., Cab, Air, 600 Hrs., 1 Owner, Exc. Cond.
1979 JD 4400 D SOLD ab, Air, 23" Rubber, Choice of Heads
MF 13' Rigid & Flex Platform
IH 810 13' Grain Platform
JD 213, 215 & 216 Flex Head
IH 820 13' Flex Head
JD 213, 215, 216 Flex Heads for Side Hill Combine
JD 13' & 15' Series 100 Rigid Grain Head

CORN HEADS

JD 244, 2RW
JD 443, 4RN
JD 444, 4RW
JD 444 Oil Bath
JD 643, 6RN
JD 643 Oil Bath
IH 843 4RN
IH 8 SOLD W
IH 863, 6RN
AC 238 Corn Head

— Trade-In Special —
1977 JD 4400 Dsl. Combine, Cab & Air, Header Height Control, $5,000

HAY EQUIPMENT

1988 JD 3970 Harve SOLD w/Row Track & Spout Track, Exc. Cond.
JD 1219 Mower Conditioner
(2) JD 1209, Late Model, Very Good
JD 530 Round Baler, Very Good
JD 430 Round Baler, Excel. Cond.
JD 347 Baler w/Ejector, Very Nice
JD 336 Baler w/30 Ejector
NH 1037 Bale Wagon, Tandem Axle, 105 Bale Cap.
NH 1033 Bale Wagon, 105 Bale, Tandem Axle, Very Good
NH 1012 Bale Wagons 56 Bale Capacity
NH 849 Round Baler, Excellent
NH 770 Harvester w/2R Cornhead, Very Good
NH 499 Hydro Swing, Hydro Tilt, Very Nice
NH 477 7'
NH 316 Baler w/70 Thrower
NH 326 Baler w/or Without Thrower
NH 846 Round Baler, Very Nice
NH 851 Round Baler, Very Nice
New Farmco 18' Steel Side Hay Wagons
NH 75 Hyd. Bale Thrower
JD 5½ ' P.U. Head w/Clutch
NH 162, 4 Star Tedder, Excellent
Gehl 1200 Harvester, Electric Controls w/ Pickup Head

CORN PICKERS

NI 327 Husking Bed to Fit 2R Pull Type
NI 324 2RW 12 Roll Husking Bed, Very Nice

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IH 155 4 Base Roll-Over On-Land Hitch
IH 735 Spring Reset, 5 Base, Variable Width
IH 720 5x20 Spring Reset
IH 720 5x20 Spring Reset, Onland Hitch
IH 720 4x18 Spring Reset
IH 720 6x18 Spring Reset, Onland Hitch
IH 720 7x18 Spring Reset, Onland Hitch
IH 710 6x16 Spring Trip Onland Hitch
IH 710 5x18 Spring Reset
IH 710 5x18 Spring Reset, Onland Hitch Plow
IH 710 4x18 Spring Reset Plow
JD 2800 6X Variable Width, Onland Hitch, Spring Reset
JD 4200 3 & 4 Base Roll-Over
JD 2800, Spring Reset, 6 Base, Variable Width
JD 2500 4x18 Spring Reset
JD 2500 5x18 Spring Reset
JD 2450 5x18 Onland Hitch
JD 1450 5x16 & 5x18

FALL SPECIALS

NH 770 Harvester w/2RN Head, $3650
JD 336 Baler w/30 Ejector, $3250
NH 469 Haybine, $1500
JD 215 Flex, $3250
IH 5100 18x7 Grain Drill, $3200
NH 495 12' Haybine, $1400
MF 13' Rigid Grain Head, $1250

We have lease financing available for above equipment

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JD 7200 4R Cons., Dry Fert., Fully Equipped, Like New
JD 7000 6 Row No-Til Liq. Fert., Insect. & Monitor
JD 7000 6R 30 Consv., Liq. Fert., Frame Mtd. Coulters, Monitor & Markers
JD 7000 4R Conservation, Dry Fert., Insect. Monitor, No-Till Coulters
JD 7000 4R Liquid Fert., Insect. & Monitor, Very Nice
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NEW ARRIVALS

1982 JD 4240 Dsl., Cab & Air, Power Shift, 3000 Hrs., Very Nice
1982 MF 550 Dsl., Cab, Air, Hydro, 23" Rubber
NI 323 1 Row Corn Picker
MF 1163 6RN Corn Head

TILLAGE

JD 1640 12' Plowing Disc
JD 340 12' Offset Disc, Like New
JD 310 12' Double Offset Disc
JD 220 Hyd. Fold 18' Disc
Neimeyer 10' Power Harrow, Excel. Condition
IH 610 12' Offset Disc
IH 475 14' Disc Harrow
Hutchmaster 12' Offset Disc, Big Blade

MISCELLANEOUS EQUIPMENT

JD RM 6R Cultivator, 3PT
JD RM 4R Cultivator, 3PT
JD 158 Loader
JD 148 Loader to Fit Row Crop Tractors
JD 146 Loader
18x38-18x34 Duals
JD Roll Guard w/Metal Enclosure For JD Utility Tractor
JD 145 Loader
JD 245 Qu SOLD ach Loader
IH #60 Stalk Shredder, Very Nice
IH #50 Stalk Shredder
IH 2350 Quick-Tach Loader
Brady 12' S SOLD hredder
Year Round Cab Fits IH 766-1566, 666, 686

Farmco 18' Bale Wagons
8 Ton Gear, 11Lx15 Tires
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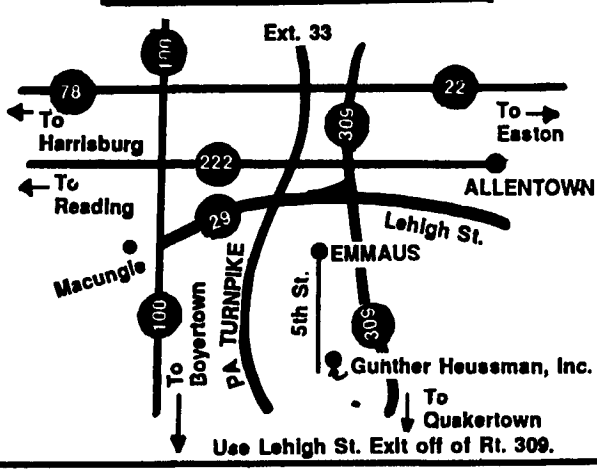

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JD 4010 80-HP Dsl., ...$ 7,500

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JD 4630 150-HP Dsl., Quad Range, ~~$25,500~~ Dual Whls.....$23,500

Case IH 3394, 165-HP, MFWD, Power ~~$39,500~~ Shift $36,500

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Special Terms
0% Interest 'Til Sept. 1, 1991
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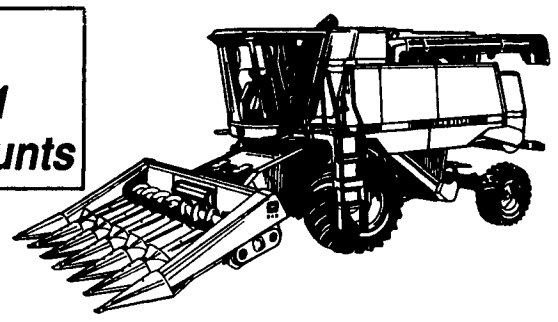

MF 750 w/Cab, Hydro, 44 Corn Head $11,000

JD 4400 w/Cab, Gear Drive ..... $ 6,500

JD 55 w/Gear Dri... 12 Ft. Rigid. SOLD ..... $ 2,150

JD 4425 w/Cab, Posi-Torq., AHHC, Monitor..... $41,900

IHC 1460 w/Cab, Hydro ~~$56,500~~ 17-Ft. Rigid, 16-Ft. Flex, 6R30 . $53,500

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NI 176, 41 Ft. Corn Elevator w/Drag ..... $ 1,950

JD 8300 21x7 Grain Drill..... $ 4,500

JD 8300 21x7 Grain Drill..... $ 2,500

JD FBB 15x7 Fert/Grain Drill ..... $ 1,950

Krause 5200 13-Ft. No-Til Drill 21 Openers $10,500

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JD F125 3B16 Plow ..... $ 495

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Knowles Chisel Plow, 15-Ft. $1,250

Mohawk Chisel Plow, 12-Ft. w/Gauge Whls.....$1,250

MF 233 Disk Harrow 12-Ft.....$3,650

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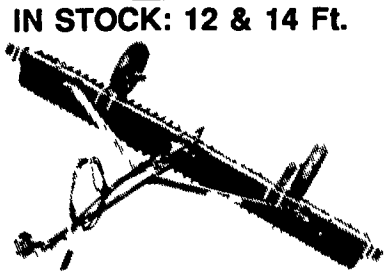

Brillion
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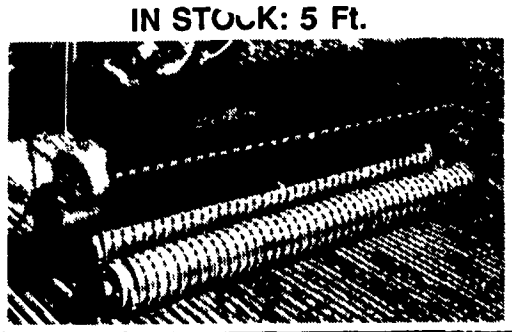

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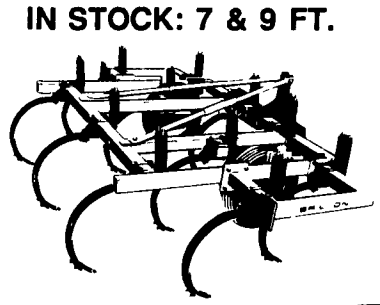

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Case IH 245 compact dsl tractor, 21 HP, 2WD	(N)	$ 7,700
Case IH 275 compact dsl tactor, 30 HP, 4WD	(N)	$ 9,900
IH 5100 grain drill, 16x7, DD openers, press wheels	(N)	$ 5,500
IH 5500 chisel plow, 7 shank, 3 bar, 3 pt	(N)	$ 1,950
IH #80 snow blower, 7', 3 pt	(N)	$ 1,675
IH scraper blade, 6', 3 pt	(N)	$ 325
NI 3618 manure spdr, 180 bu w/endgate	(N)	$ 4,300
NI 3622 manure spdr, 220 bu w/endgate	(N)	$ 4,950
NI 3816 slurry spreader, 1600 gal	(R)	$ 4,500
Gehl 1560 forage blower, 1000 PTO	(D)	$ 2,555
Gehl 170 grinder mixer	(N)	$ 9,300
Gehl R260 10' rotary rake	(D)	$ 2,350
Gehl 175 manure spdr w/endgate 175 bu	(N)	$ 4,100
Gehl 215 wheel rake, 3 pt	(D)	$ 995
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Bush Hog 6' rotary mower, 3 pt	(N)	$ 975
Bush Hog 6' heavy duty rotary mower, 3 pt	(N)	$ 1,450
Bush Hog post hole digger	(N)	$ 625
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NH 488 haybine, 9' cut, rolls excellent	(6)	$ 2,700
NH 489 haybine, 9' cut	(5)	$ 3,200
NH 310 baler w/thrower 1 owner	(6)	$ 2,900
NH 273 baler w/thrower	(5)	$ 900
NH 1495 self propelled, gas, vari speed	(5)	$ 6,900
NH 27 forage blower	(5)	$ 600
NH 30 forage blower, 1000 PTO	(6)	$ 775
NI 527 disc mower, 3 pt 7' reconditioned	(7)	$ 2,400
NI 214 manure spdr, 200 bu, endgate	(7)	$ 1,800
NI 3626 manure spreader, 260 bu w/extras	(8)	$ 4,200
NI 3639 manure spr SOLD 0 bu /endgate	(7)	$ 4,200
NI 904 corn planter, 4 row N, extras	(6)	$ 5,000
NI 504 loader w/hydraulic bucket	(5)	$ 600
NI flail chopper, 5' cut	(2)	$ 225
NI 32' elevator w/motor mount	(4)	$ 500
JD 65 forage blower	(2)	$ 175
JD 660 manure spreader w/endgate	(7)	$ 3,000
Gehl 99 forage blower	(5)	$ 600
Gehl 2 row corn head, fits 600, 800 harv	(3)	$ 300
Badger forage box, roof 3 beater, tandem	(5)	$ 975
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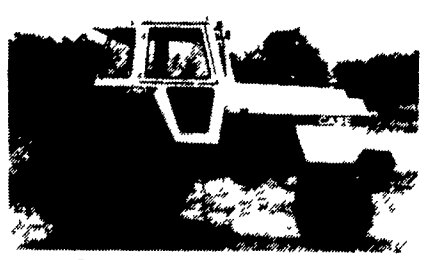

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- JD 4430, PS, cab & air, sharp
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- Deutz 130-06 w/cab, 4WD
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- AC 7000 w/cab & air
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- IH 1066, red cab, radial tires
- IH 1066, cab & air.....$9,000
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- White 2-1 SOLD & air
- White 2-105 fender tractor
- White 2-135, cab & air
- Oliver 1855 w/cab
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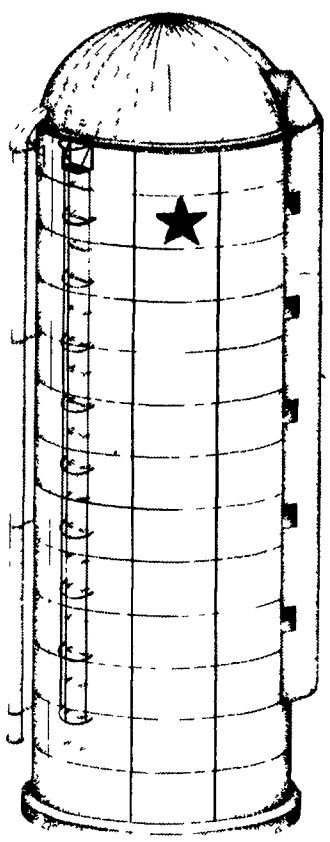

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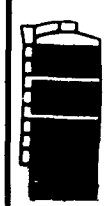

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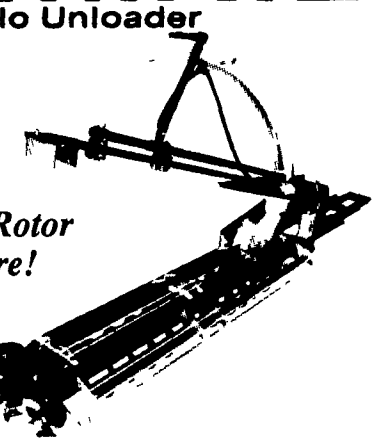

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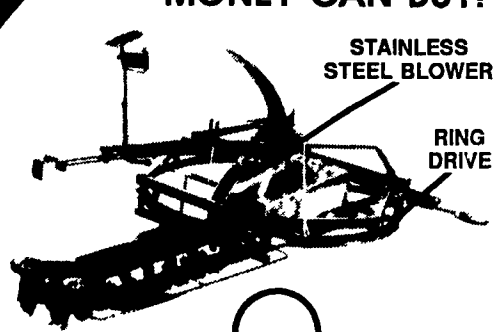

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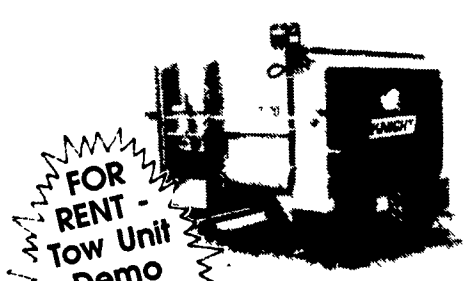

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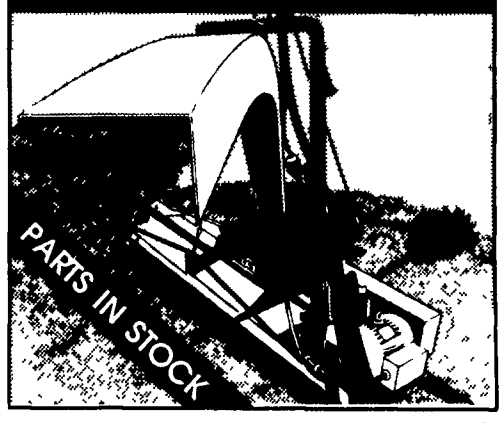

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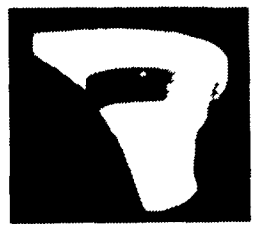

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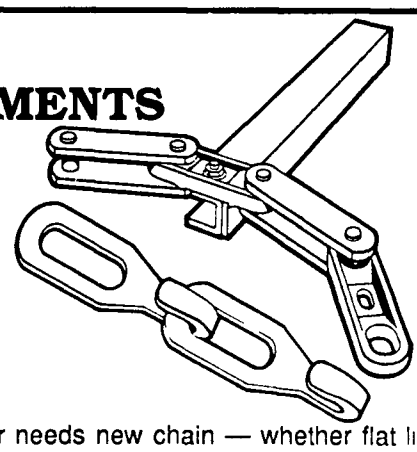

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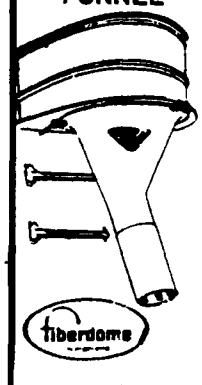

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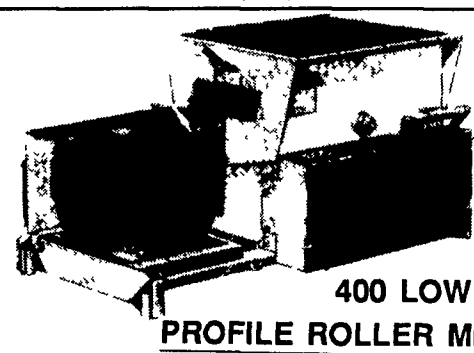

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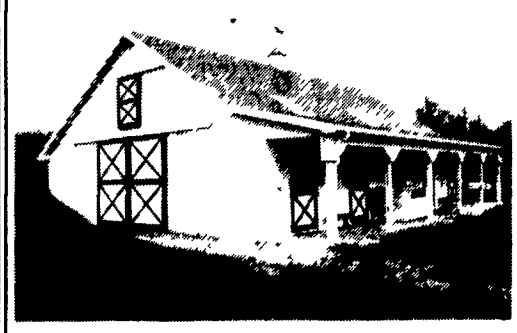

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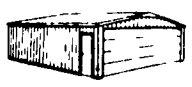

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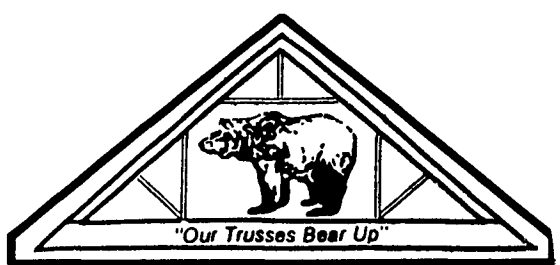

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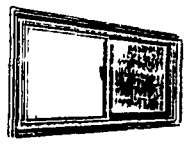

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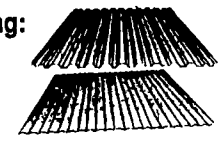

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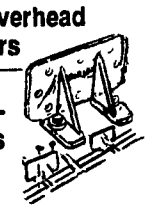

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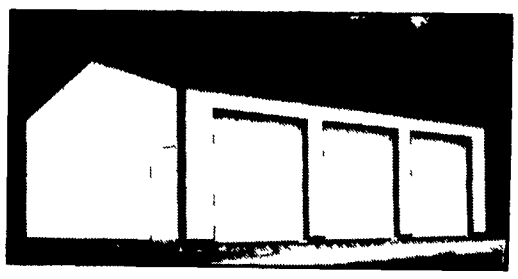

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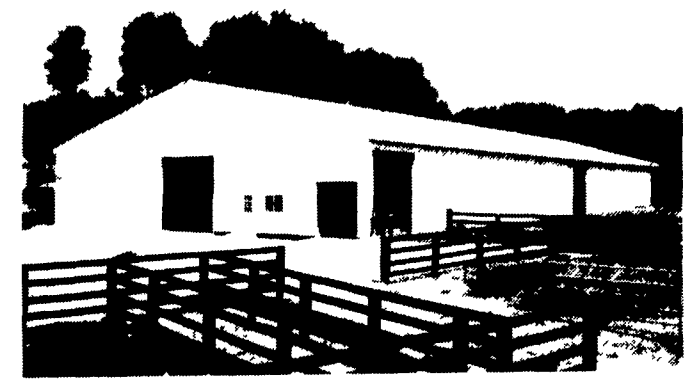

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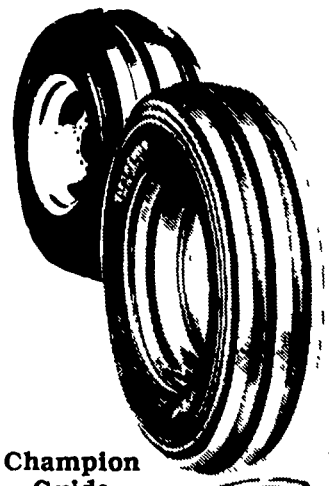

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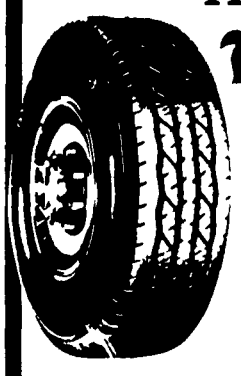

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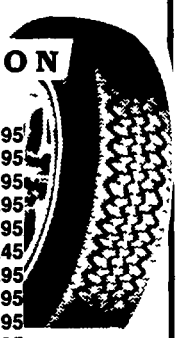

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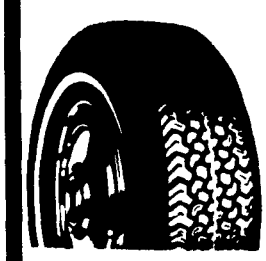

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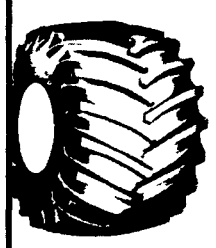

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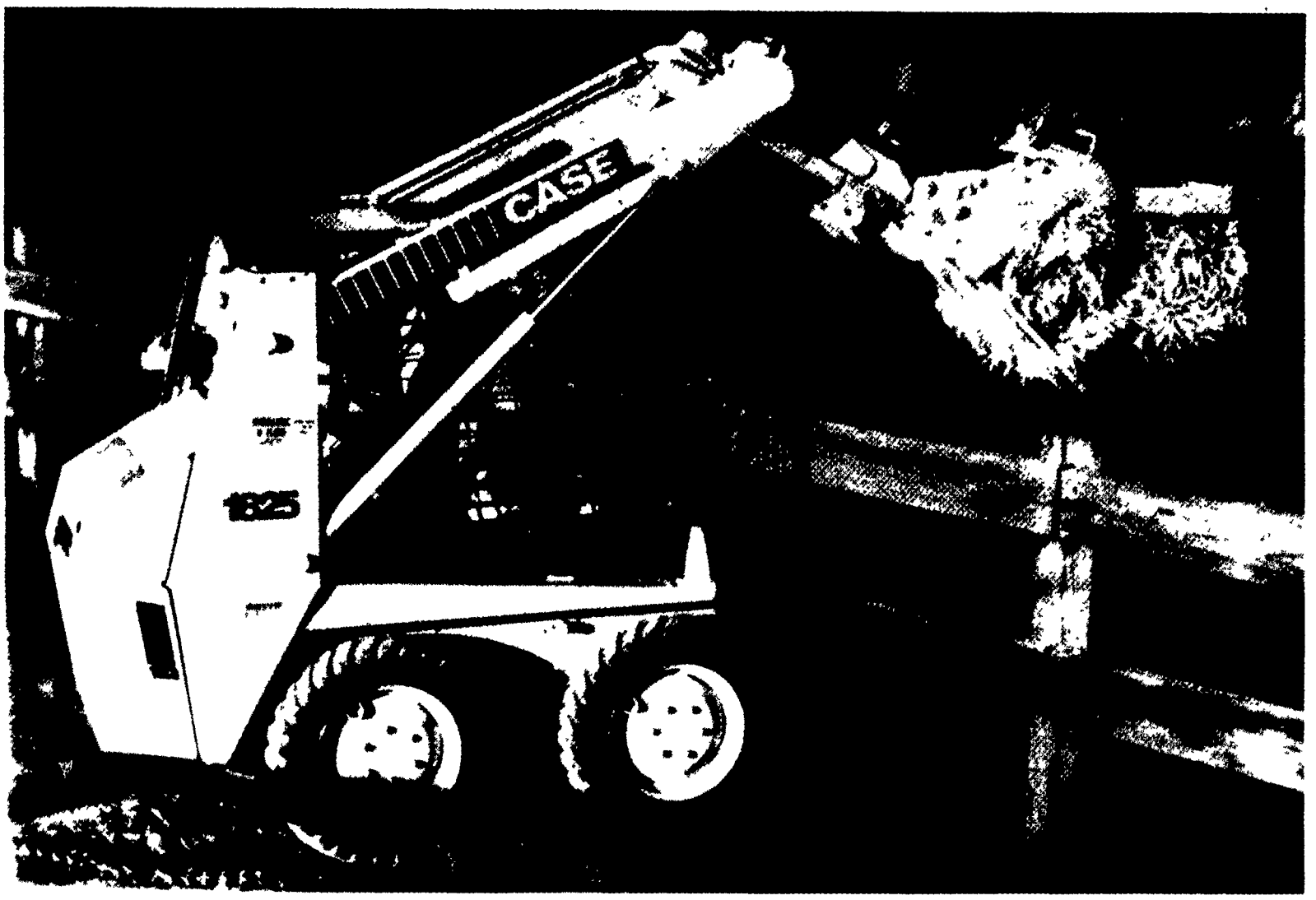

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Pork Prose

by
Kenneth B. Kephart

Penn State Extension Swine Specialist

WORLD TRADE AND THE PORK INDUSTRY

Marketing is no longer a local phenomenon. The exchange of pork worldwide is having a greater and greater impact on what you're paid when you unload your hogs.

For example, we've been making good progress in opening markets for our products, especially in Japan. But as all producers know, Canada exports a lot of pork to the U.S. So does Denmark and the Netherlands. In fact, we import about three times as much pork as we export. And now to make things worse, the European Community (EC) has decided shut the door on all of our pork products.

Let's take a brief and simplified look at world trade. But first, a couple of surprising numbers (taken from R. Blair, "Feedstuffs," Sept 24, 1990):

- Worldwide, more pork is produced than any other meat. In fact, the 61.6 million metric tons of pork produced is almost 25 percent more than the total output of beef and buffalo (carcass weight basis).
- Since 1970, pork production in the world has increased an astonishing 88 percent. Most of that increase has come from developing countries.

Canada

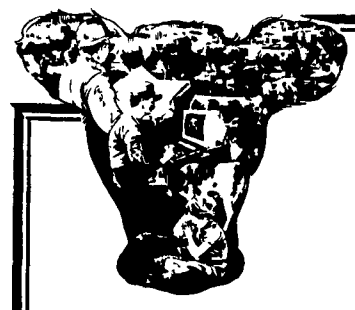
Where do we stand with our neighbors to the north? We've had our share of disagreements. Some of that is because Canada's hog industry is administered a lot differently than ours. Canadian hogs, for example, are all subject to a mandatory grading system. The incentives and discounts associated with the grading system have encouraged producers to market lean hogs. Without question, this is a major reason that packers and processors buy Canadian hogs and pork products.

The other characteristic that makes Canadian pork production different than ours is a subsidy system called the Tripartite Stabilization Program. Each time a hog is sold, money contributed equally by the federal government, the provincial government, and the hog producer is put into a fund. (Roughly speaking, $2.50 is deducted from the producer's check for every $100 in sales of market hogs.)

As long as profits exceed a preset level, money keeps going into the kitty. When profits drop, however, producers are subsidized. According to the National Pork Producers Council (NPPC), during the 18-month period from July, 1988, to December, 1989, Canadian pork producers enrolled in the program received an average of $17 per hog (U.S. dollars) in government subsidies.

NPPC argues that the subsidies provide the Canadian producer with an unfair advantage. And on that basis, NPPC was able to convince the International Trade Commission in 1985 to levy a contervailing duty against imports. So all Canadian producers selling

(Turn to Page D3)



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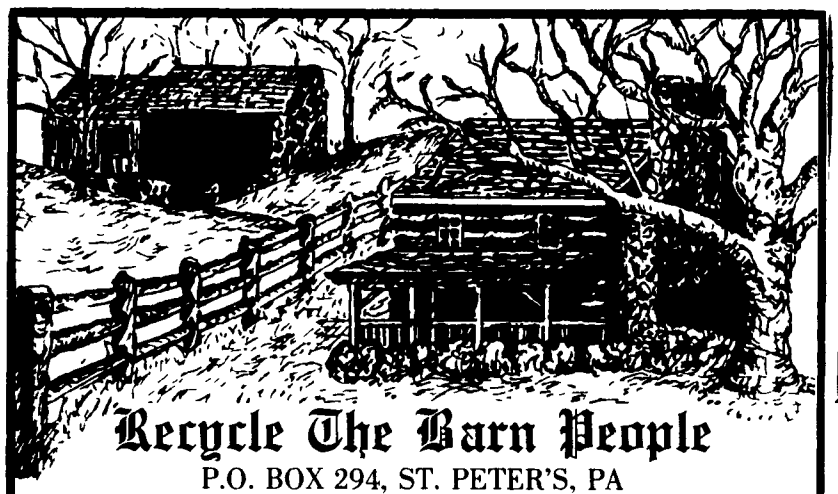

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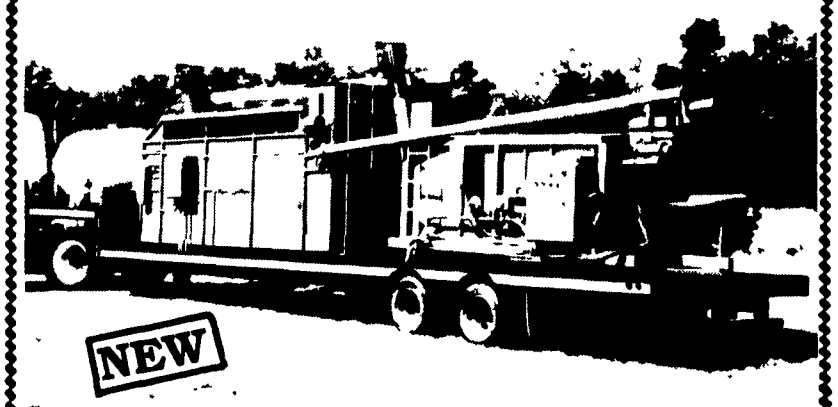

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Pork Prose

(Continued from Page D2)

hogs into the U.S. had to pay a fee. And it worked. The number of live hogs crossing our border from Canada dropped.

But because there was no duty on pork, imports of pork and pork products continued to rise until September 1989, when countervailing duties were also placed on pork. Canada pleaded to the ITC that the duties on pork were unjustified, but last month the ITC voted to uphold their earlier decision. The NPPC deserves the credit for both of these contervailing duties.

European Community

According to an article by S. Hilgren in "Top Producer" (November 1990), the EC is up to their ear lobes in surpluses — not just pork, but wheat, dairy products, and beef as well. Lou Moore, ag economics professor from Penn State, agrees.

So the EC decided, as a matter of survival, to stop all pork imports from the U.S. on November 1, 1990. Beef imports will also be refused before December 1. Of course, EC's reasoning was that U.S. packing plants don't meet European standards.

Barbara Watson of the U.S. Meat Export Federation told me that the standards require, among other things, the elimination of all wood in packing plants — right down to the last broom handle. In addition, areas for handling muscle meats (hams, chops, etc.) must be physically separated by walls from the areas that process variety meats (livers, kidneys, etc.).

The irony, according to both Moore and Watson, is that many of Europe's own packing plants do not meet EC standards. (Moore recently visited packing plants in Poland and was appalled at the poor conditions.)

What will happen in this arena is anybody's guess. Our trade negotiator Carla Hills is in the battle with both feet. But it's clear, at least to me, that the EC's decisions (like the one regarding the use of hormones by U.S. beef producers) have been and will be based on politics, not scientific fact.

Japan

Japan is the bright spot in the whole picture. In 1989, Japan purchased almost 51,000 metric tons of U. S. pork and pork products — 55 percent of our total exports. The level is expected to exceed 65 percent in 1990. So far, it appears to be cheaper for the Japanese to import pork than to import grain and raise the hogs themselves.

Soviet Union and Eastern Block countries

If these countries ever get their economies in shape, they might be in the market to buy some pork at least for the short term. But in the long term, as farms are returned to private ownership, national production of pork may actually exceed demand.

So it's possible these countries may become competitors instead of customers. How long is the long term? There's no need to worry for at least a few years.

In the last two months, several Soviet scientists who do research in swine production visited Penn State. They were amazed at things we take for granted — like automatic waterers, ear tags, genetics (their hogs have a lot more fat and a lot less muscle), and nutrition (their hogs take about 1 year to reach 230 pounds with feed efficiencies of of 5 or 6 to 1).

Where do we go from here?

One thing is clear — there is no such thing as free trade. The pork trade imbalance is at least partial proof of that. Last year we imported an estimated 345,000 metric tons of pork and pork products, while exporting only 92,806 metric tons.

The General Agreement on Tariffs and Trade (GATT) talks have, according to Lou Moore, amounted to very little. Even former USDA Secretary Richard Lyng was recently quoted as saying, "GATT is foundering. What discourages me more than anything is not that we buy so much pork. It's that we sell so little."

Many countries have some sort of trade barrier or tariff system. The EC provided a perfect example of that when they recently erected the ultimate of trade barriers by refusing to buy any of our pork.

What does *our* government do? There are no trade laws for pork. Our government does have a Meat Import Law, which covers the amount of fresh beef, veal, mutton, and goat we import. When the imports exceed a certain level, we can impose quotas or we can enact voluntary restraining orders.

According to Jim Fowler of USDA, we have imposed a quota once in the last 26 years. And we have asked for voluntary restraints 10 times over the same period. But as Fowler points out, this program is primarily for beef and has no effect at all on pork imports.

With lack of progress shown by our trade negotiators and the failure of our own government to institute trade laws for pork, it seems to me that a lot can be said for the progress made by NPPC with Canadian imports.

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Business News

Osborne Adds Big Fan To Ventilation Line

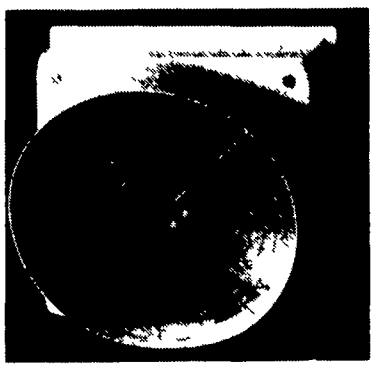
OSBORNE, Kan. — Osborne Industries, Inc. has developed a new 36-inch exhaust fan for its Agri-Aide® ventilation equipment.

The fan is the largest fan in the Agri-Aide® product line and is available in the flushmount FM and panel-fan FP models. Both are designed for maximum air-moving efficiency with a top rating of more than 19 and 18.5 cfm/watt, respectively, measured by independently performed fan tests conforming to AMCA standards.

Designed for large livestock buildings, the fans feature housings made with Osborne's RTM-Glass™ figerglass material which is guaranteed to not warp or sag in extreme temperatures. The fans also feature plastic propellers, corrosion-resistant mounting hardware, and all-plastic shutters. Both fan models use an enclosed, thermally-protected, heavy-duty motor.

Osborne offers a full range of Agri-Aide® ventilation fans, fan speed controls, inlet systems, and ventilation accessories. Osborne also provides free ventilation design assistance.

For more information, contact an Osborne Dealer or the customer service department, Osborne Industries Inc., P.O. Box 388, Osborne, KS 67473, (800) 255-0316.



Osborne's new 36-inch exhaust fan is the largest fan in the Agri-Aide® product line and is available in the flushmount FM and panel-fan FP models.

Postemergence Weed Control Gains Popularity

WILMINGTON, Del. — The application equipment business is riding high on increasingly popular postemergence weed control programs.

Although over-the-top sprayers have been used for years, new products, changing attitudes, and postemergence weed control, successes have led more farmers to low-use-rate, postemergence weed control methods. This has created a much greater demand for application equipment and many new technical innovations.

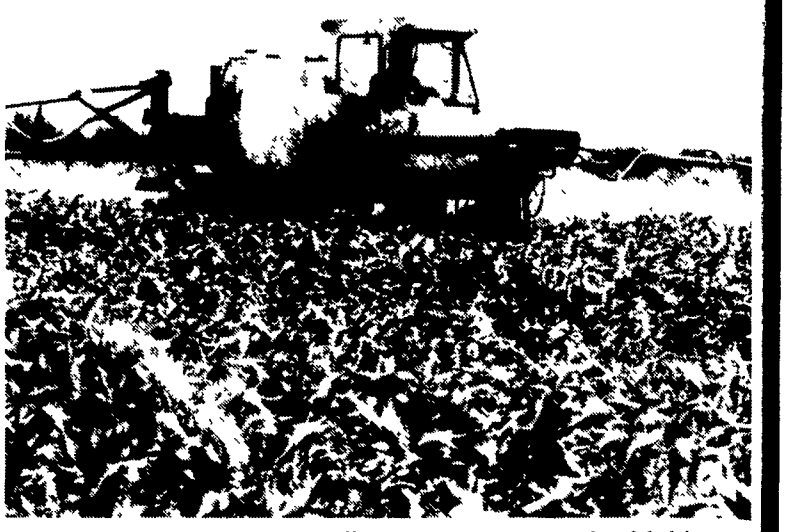
"We're seeing a much greater acceptance of postemergence weed control from the grower and applicator," said Jerry Ryan, sales manager at Brothers Equipment in Friend, Neb.

For Hagie Manufacturing Company, which introduced the first high-clearance sprayer in 1947, business has been booming, Despite a 25 percent production increase in each of the past three years, Hagie has sold out of its postemergence equipment every year, said sales manager Gaylon Kuperus.

Similarly, Melroe Company, manufacturer of the Spra-Coupe, also has increased production significantly, due in part to postemergence weed control program acceptance by farmers growing all major crops, said sales manager Dan Dietz.

Brothers Equipment expects to sell 40-50 machines in 1990, compared to 5-10 machines per year 15 years ago. Ryan said he sees this trend as typical for many post-sprayer dealerships.

"Custom applicators are becoming even more environmentally conscious, and consequently they're looking to the post-emergence market for products with shorter residual and half-life," Ryan said.



A custom applicator applies postemergence herbicide to corn. The increasingly popular practice of postemergence application has equipment manufacturers and dealers riding high on increased sales.

Equipment manufacturers and dealers are expecting another sales boost in 1991, the first year that postemergence grass control herebicide for corn will be available nationwide.

"Our dealer network, especially in the shattercane regions, expects a substantial increase in business," Dietz said. Farmers with shattercane have not been able to control the grass economically with preemergence herbicides.

"We're very excited," said Kuperus, "especially about DuPont 'Accent' herbicide and its potential." The new herbicide is the only postemergence product for control of most annual and perennial grasses.

Recent equipment innovations have included electronic spray monitoring, sprayer booms that are adjustable from the cab, better driver visibility, and air conditioning and herbicide injection systems that mix herbicide with water and surfactant just before the combination enters the spray booms. Spray adjustments to accommodate different product labels also are important. Convenience and ease of operation also seem to be selling both machines and post-emergence weed control.

"To stay in the marketplace and to stay competitive, we've had to design these innovations into our machines," Dietz said.

Noted Kuperus, "The pressure will be on the manufacturers to produce even more high-tech equipment to accommodate the new postemergence products on the market."

New Building Protects Seed Quality

JERSEY SHORE (Lycoming Co.) — A new storage building that protects seed quality is now "100% operational", said Ted Doebler of Doebler's Hybrids.

According to the seed firm president, "this completes Doebler's seven-year program to upgrade facilities and improve seed quality."

He explained that an all-new drying operation was put on line in 1983, an 80-foot sizing and grading tower in 1984, a new testing laboratory in 1987, and further improvements to the drying facilities in 1988.

The new 55-by 116-foot building will hold seed corn at 50 degrees Fahrenheit and 50% humidity, Doebler said. Capacity is 43,600 bushels of bagged seed corn, with seed stored on pallets up to 18 feet high.

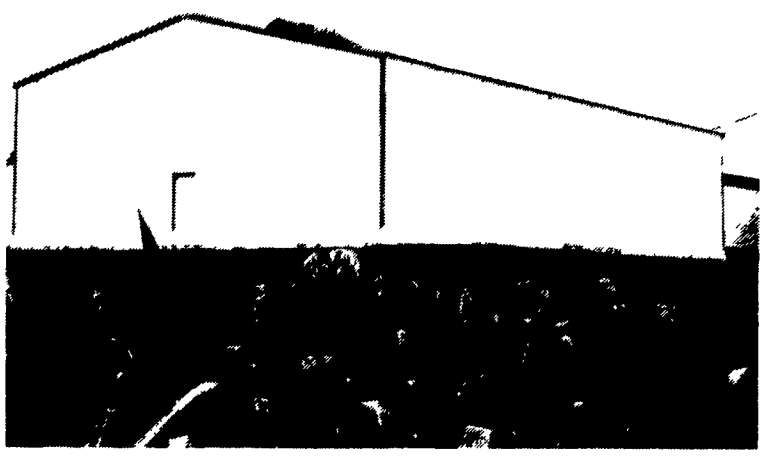
Temperature is maintained with two 10-ton refrigeration units.

A larger seed inventory also will protect customers from any recurrence of the 1988 shortages, Doebler pointed out.

The building was designed "in house" by the Doebler farm team and utilizes steel siding with Thermax insulation to obtain a plus R-30 insulation rating.

The windowless building has only one entrance and a small exit. Both doors are heavily insulated. Electric demand is expected to be minimal.

Pennsylvania Power and Light Company provided the energy guidelines. Breisch Construction of Bloomsburg, Pa. was the contractor. Bottorff Plumbing and Heating of Jersey Shore, Pa. installed the refrigeration and Bower Electric, Williamsport, Pa. installed the wiring.



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Moldboard Plows Available From Deere

MOLINE, Ill. — Until recently, farmers who needed a medium-duty reversible plow had no alternative to rollover plows.

Then John Deere introduced the four-bottom 3945 integral reversible plow. Its lateral reversing design provides a simple, economical choice that fits 100-140 PTO horsepower tractors.

Now farmers with 130-160 PTO horsepower tractors can choose the five-bottom 3955 integral reversible plow. Those with 70-95 PTO horsepower tractors can choose the three-bottom 3835 integral reversible plow.

The new John Deere plow reverse their single set of bidirectional bottoms with a simple, side-to-side action operated by a single hydraulic cylinder that is standard equipment.

This new design eliminates the extra set of bottoms that must be purchased and maintained on rollover plows. Half as many bottoms weigh much less — reducing stress on hitch components and the amount of front end ballast needed.

The bidirectional bottoms have single-piece moldboards, single-piece shares with hardfaced points, and shearbolt protection.

Width of cut on the 3955 is 16 inches. On the 3835, width of cut can be set at 14 or 16 inches to fit varying soil conditions, residue levels, and tractor horsepower.

The John Deere 3955 five-bottom, integral, reversible moldboard plow features one set of bidirectional bottoms and a 16 inch width of cut. A hydraulic cylinder reverses the moldboards from one side to the other for a right-or left-hand pass. The plow is compatible with tractors having 130 to 160 PTO horsepower.

Underframe clearance is 29 inches and maximum plowing depth is 14 inches on all of the plows.

To enhance the performance of the 3945 and 3955 plows in soft soils and rolling terrain, John Deere has introduced an optional on-land gauge wheel. The trailing gauge wheel features turnbuckle adjustment through the full range of plowing depths.

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HARD TO SOLVE ECONOMIC LOSSES

Donald L. Singletary
Department of Veterinary Science

Several Pennsylvania broiler producers have experienced economic losses due to poor health, poor feed efficiency, and miscellaneous leg problems in their flocks. Mortality is frequently a problem about the time the flock is ready for processing.

The problem has many names — among them are stunting/runting syndrome, pale bird syndrome, helicopter disease, viral arthritis, brittle bone disease, and femoral head necrosis.

The symptoms and lesions in the flocks are quite varied. The classical symptom is lameness with ruptured hock tendons as the classical lesion; however, most of the birds appear only pale, stunted, with an unthrifty appearance and abnormal wing feathers. Usually, the birds have pasted vents and an orange mucus is often found in the intestine. Leg problems are also quite common in affected flocks.

Over the years, researchers have attempted to determine the cause. They have found that a reovirus is a major contributor to the problem and that the virus is egg transmitted. The infected chick then sheds the virus in its droppings, contaminating the poultry house environment (the litter, air, water, and feed), thereby infecting the other birds in the poultry house. Other factors such as genetics, nutritional deficiencies, and bacterial infection are also thought to be involved in the problem.

Breeder flocks can be vaccinated several times with both live and killed bivalent reovirus vaccines; however, these vaccines and vaccination programs have met with various degrees of success in preventing the economic losses in the broiler flock.

Newer reovirus vaccines have been developed recently that can be given to the broiler chick in the hatchery at one day of age and then be followed by a booster vaccination in the drinking water at approximately 7 to 10 days of age. Early results indicate that while this vaccination program is helpful in preventing economic losses on some problem farms, losses continue to occur on other farms.

Thus, the complete solution to this problem is not yet known. At present, there are no satisfactory treatments; however, supportive treatment that includes antibiotics and nutritional tonics (vitamins, electrolytes, and molasses) can be given.

FFA Raises $4.1 Million

KANSAS CITY, Mo. — Once again, the National FFA Foundation has achieved a record level of support for FFA and agricultural education programs. At the 63rd National FFA Convention, Thomas Hennesy announced a total of $4,104,000 to nearly 23,000 enthusiastic FFA members and guests in an overflowing Municipal Auditorium.

Hennesy serves as the 1990 FFA Foundation Sponsors' Board chairman, and is president and chairman of TSC Stores. Hennesy believes the relationship between the 1,234 Foundation sponsors and the FFA is a very special one. "I think it is a very optimistic view of youth on behalf of the business community. They see a group of young men and women with potential they are willing to support extensively," he said.

He introduced the 1991 FFA Foundation chairman, Robert Reynolds, vice president and general manager, crop protection products division, Monsanto Agricultural Company, who introduced the 1991 Foundation theme, *"Bold Leadership for a Bright Future."*

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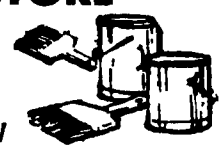

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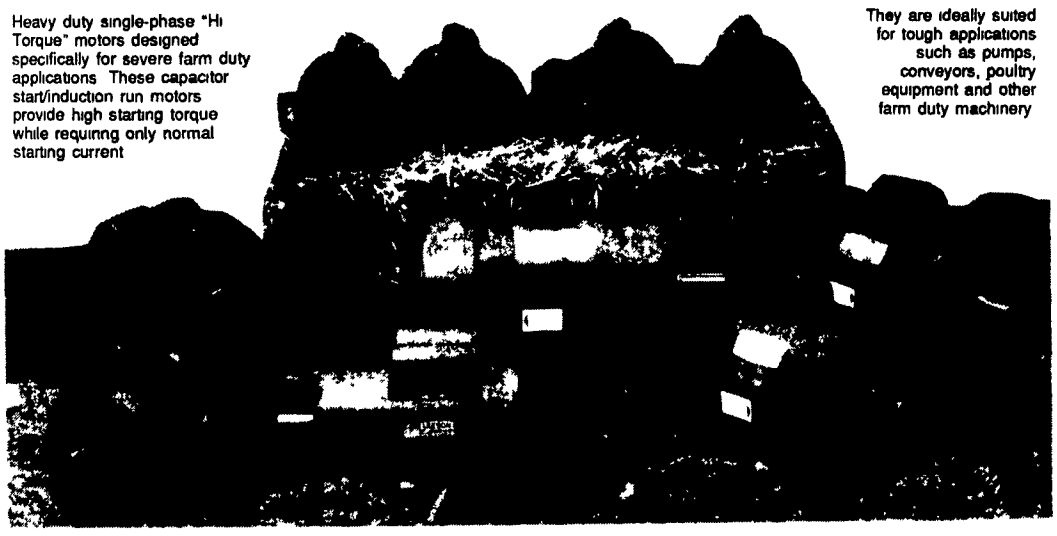

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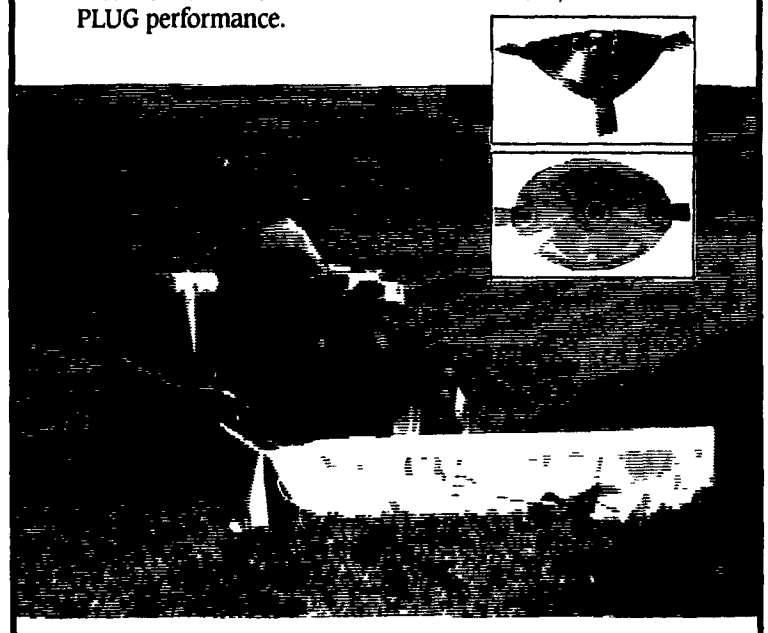

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Livestock Notes

Effects Of Litter Size On Growth And Reproduction

Several studies show that gilts raised in large litters tend to farrow fewer pigs when they reach reproductive age.

The conclusion from many of these studies is that gilts destined to be sow replacements should be reared in a small litter (six pigs).

Purdue University recently published a study that examined this effect. But they also looked at the effect of litter size at birth and the effect of cross-fostering. Here are the results:

Pigs raised in large litters grow slower before and after weaning, although the effect after weaning is small. In this study, litter size had no significant effect on subsequent reproductive performance.

Surprisingly, cross-fostered gilts grew slower and did not perform as well at farrowing as the gilts raised on their natural sow. Based on this study, cross-fostering should be avoided unless it is necessary for maintaining survival.

Litter Size Reared

	Large (12)	Small (6)
Survival to weaning, %	79	86
Wt. gain to weaning, lbs.	11.7	14.5
Days to 230 lbs.	195	190

Litter Size Born

	Above Avg.	Below Avg.
Days to 230 lbs.	189	196

Crossfostering

	Crossfostered	Natural Sow
Wt. gain to weaning, lbs.	13.0	13.4
Days to 230 lbs.	195	191
Conception, 1st breeding	50	72
Live pigs farrowed, 1st litter	6.7	7.5

Nutrient Levels Of Grasses And Legumes And Testing Forages

As you develop your herd's forage program, or consider the kinds of forages to purchase, knowing the relative average levels of nutrients in grasses and legumes will help you make decisions.

Matching your pasture and hay resources to your herd's needs is a key factor to more profitable production. Below find some of the more common grasses and legumes and their relative nutrient levels.

LEGUMES	Dry Matter	Crude Protein	Total Digestable Nutrients
Alfalfa			
hay-mid-bloom	89	17	58
haylage	45	17	58
Birdsfoot trefoil			
pasture	22	21	66
hay	89	16	57
Clover (red)			
pasture- early grazed	24	18	64
hay	88	15	57
GRASSES			
Bluegrass			
pasture- early grazed	36	15	69
Bromegrass hay	89	10	55
Fescue (Kentucky 31)			
pasture	29	15.	66
hay early bloom	88	18	65
Orchardgrass			
pasture immature	24	18	65
hay	88	11	59
Timothy			
pasture pre-bloom	26	11	64
early bloom	88	12	59

(CP and TDN listed on Dry Matter Basis)

The famous statement "Test, Don't Guess" is very appropriate when it comes to analyze any type of forage. Though the averages in the left column are a good indicator of nutrient content, any specific forage can vary greatly in its nutrient value.

It would not be economically feasible to analyze every forage every month as most dairy farmers do, but consideration in analyzing forages when your herd needs high quality feed is appropriate.

There are a number of laboratories that will test your forages. Contacting your feed field person for help would be one avenue. Our office has forage and grain sample mailing kits from New York DHI Forage Analysis Laboratory. The cost is $19 or $23, depending on the type of analysis you desire.

Always get a representative sample of whatever forage you plan to test. For hay, a hay auger works great to take a small sample from many bales. Your feed company may allow you to borrow one (it fits on the end of a drill) or you may borrow our's from the office. For pasture, cut by hand a sample of the forage down to where your beef will consume. Do this in many (at least 10) places in the field.

Mix the samples of forages and pull a representative sample to be tested. Results should be returned within one week.

U.S. Has Missed Out On Feed Grains Sales

WASHINGTON, D.C.— The United States has missed out on sales of 6.35 million tons of feed grains to the USSR since October 1 because the U.S. has not extended credit to the Soviet Union.

If the United States does not give the Soviets credit, U.S. farmers will lose $1.5 billion in income from reduced Soviet imports, according to the U.S. feed grains sector's Trade Policy Coordinating Committee (TPCC).

The TPCC communicated this message to the administration in November 1 meetings attended by USDA Under Secretary Richard Crowder, Deputy U.S. Trade Representative Julius Katz, and Special Assistant to the President for Agriculture Cooper Evans.

As the U.S. harvest nears completion, U.S. grain producers are facing growing mountains of commodities. The Soviets are eager customers, but lack the hard currency needed to make such purchases. According to the TPCC, the solution is simple: The United States must immediately extend credit guarantees -- not subsidies or donations -- to the Soviets to allow them to make commercial purchases of U.S. agricultural commodities.

The president can legally grant credit guarantees to the Soviet Union without granting most-favored-nation (MFN) status or ratifying a trade agreement. Credit for the Soviet purchases of U.S. commodities is not tied through U.S. legislation to the issue of codification of immigration or human rights.

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Keystone Appoints Miller

SHOEMAKERSVILLE (Berks Co.) — Bruce W. Miller, a native of York County, has been named branch manager of Keystone Farm Credit's Lancaster branch.

Miller was raised on his family steer, hog, and crop farm and graduated from Red Lion Area Schools where he belonged to the FFA Chapter. He graduated from Penn State University in 1978, where he earned a B.S. carrying a dual major of food science and agricultural education. He was a student teacher at Solanco High School.

Upon graduation from Penn State, Miller joined the staff of Southeast Farm Credit Service as a field representative. He remained with Southeast until June of 1980 when he moved to the York Association as a loan officer. While with the York Association, Miller was promoted to senior loan officer and then executive loan officer, a position he held until he joined the Keystone staff.

Bruce W. Miller

Miller resides in York Co. with his wife, Susan, an elementary school teacher in Eastern York Co., and their two daughters. He owns 55 acres and rents an additional 45 acres for his part-time farming operation.

FFA Delegates Approve Amendment

KANSAS CITY, Mo. — After more than three years of heated debate concerning the number of voting delegates allotted to each state association, delegates of the 63rd National FFA Convention approved a constitutional amendment to fix the total number of voting delegates at 475.

The amendment, which will increase the number of delegates by almost 200, was initiated by the Texas association. Texas State Advisor Jay Eudy said the amendment will provide more equal representation in relation to the amount of national dues contributions. Texas, with 52,828 members, is the largest state association.

The new system is modeled after the U.S. Congress. Under the approved amendment, each state will be allowed two delegates plus additional delegates in accordance with their percentage of national membership. At current membership levels, each state would receive an additional delegate for each 1,019 members.

The effect of the approved amendment closely resembles an amendment the National FFA Board of Directors recommended in 1989 which would have allowed each state two delegates plus an additional delegate for each 1,000 members.

National FFA Advisor Larry D. Case said, "It's obvious that the FFA organization and agricultural education are united. We're going to provide more leadership training through the delegate process while achieving grassroots input. This is the key to an effective dynamic organization."

Case said a key to the passage of this amendment was the revamped delegate process. "Meaningful involvement of all delegates this year helped pass the amendment. Any negatives left will dissolve when next year's delegates become involved in that process. The issues is resolved."

In other business, the delegates made minor adjustments to the FFA Creed. A new creed, proposed by the National FFA Board of Directors, was voted down by the delegates. The delegates also recommended changing the names of FFA's top two awards from Star Farmer and Star Agribusinessman to American Star Farmer and American Star in Agribusiness.

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Snow plow for Int H tractor, $450, Int 615 combine w/810 grain head & corn head duals, $3500 Mont Co 215-646-4941

Brown paper 36" or 48" 75'-0" to 150'-0" long new mill ends cheap. Dau. Co 717-367-4797

Woods Brothers 1 row corn picker, pull type, 3 pt hitch, 2 row corn planter, firewood North'd Co 717-286-9327 eves

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Jersey bull sire Royal 12 mo old thoroughbred 4 Shropshire ewe lambs, breeding or marketing Berks Co 215-926-4436

AC WD tractor, plow, cults, & bucket, needs some work, Massey side delivery rake, w/metal wheels, 60' windmill York Co 717-993-2701

Surge pipeline 1½" glass w/4 milk units, #75 Alamo pump elect brain automatic wash stainless steel wash vats, $1800 Adams Co 717-528-4840

Broilers for sale 10 to 12 lbs by the middle of Dec "Range Grown" Michael S Esh, 841 Winter Hill Rd, Strasburg, Pa 17579

1983 Chevy suburban, 4WD, half-ton, Scottsdale, vg c AM/FM, auto a/c, must sell asking $4995 Montg Co 215-723-1279

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2 wheeled David Bradley tractor w/cult , $150, spinner plow for Gravely two wheeled tractor $75 York Co 717-292-1802

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Farmall tractor on steel w/2 wheel forklift in rear 8,000 capacity w/hyd unit off PTO Levi L Fisher, 425 Maple Shade Rd , Kirkwood, Pa 17536, Lanc Co

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White Mountain ice cream freezers hand crank type recondition most sizes at present time Lanc Co 215-267-7049

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Will somebody please buy this Illis Preg. tester it cost me $405, I only want $75. Berks Co. 215-779-0349.

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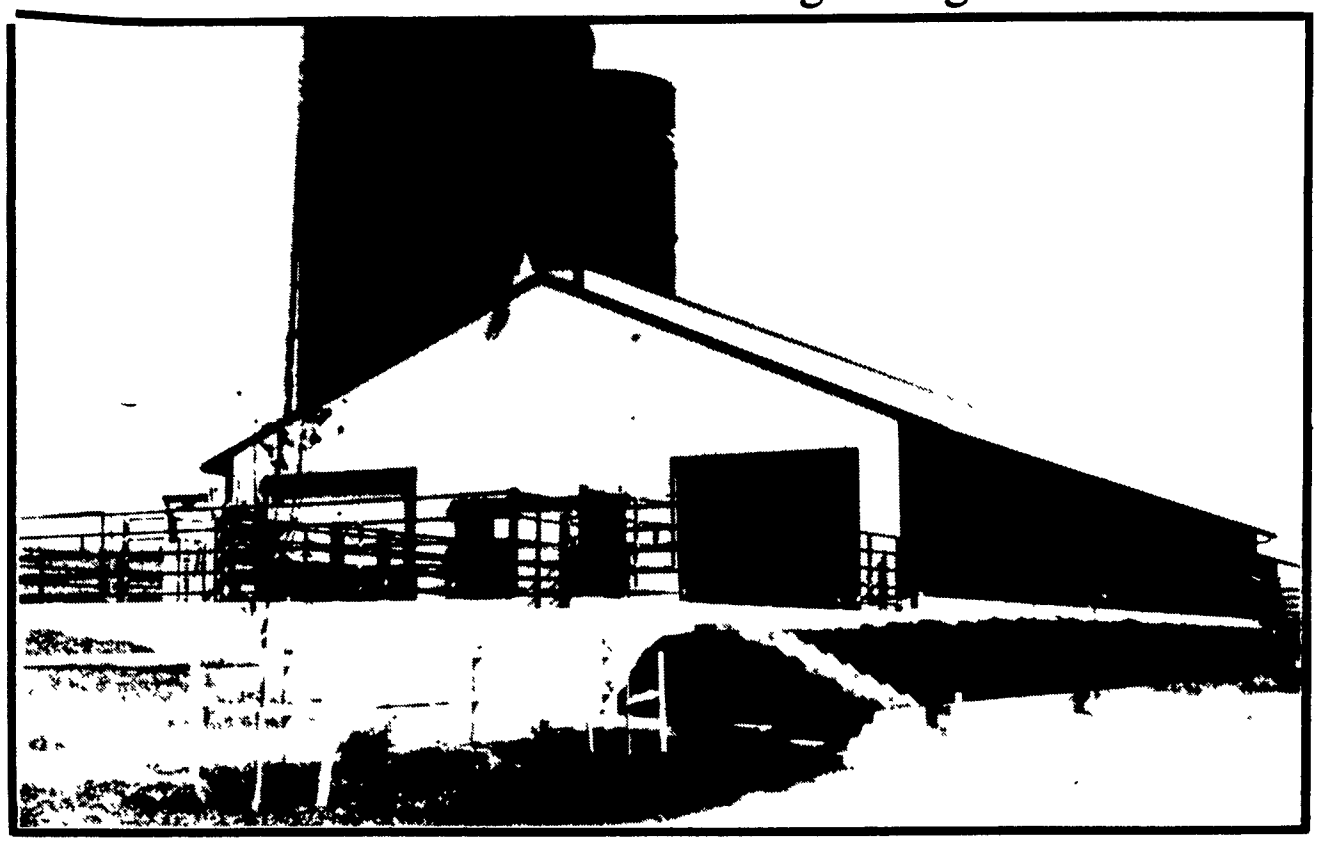
JD 440 dozer GM diesel, JD 534 dozer blade for 100 HP tractor, JD styled D, 1977 Int. dump truck, 1973 White dump truck 717-292-2425 after 5 p m 2- AKC Basset males, 1 young & flashy, $30, other a proven stud, $50, no Sunday calls. Schuyl Co 717-345-6278

hall•mark

\hȯl-,märk*n*.1: genuineness
2: a distinguishing characteristic



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From PA Turnpike Exchange #23 go south 1 mi. on Rte. #100 to intersection with Rte. #113. Turn west on #113 toward Downingtown for 1 mile. Signs!

"IN THE AUCTION LIMELIGHT"

THURS: FARM TYPE SALE: Featuring 3 pt hitch implements such as 2 bt. plow, disc, harrow, circular saw & Ford rotary mower, Rebuildable Ford tractor chassis (N-9?). Lots of Ford tractor tires, wheels & parts. Ford 250 pickup w/Myers plow. Early Oliver tractor. Tons of automotive parts. Repair manuals. Wood spoke wheels. Pickup cap & camper. Arctic snowmobile. Scale models of child's riding car & tractor. Bicycles & parts. Jacobsen tractor. Snap-on tool chest. Peeco elec. compressor. Acetylene outfit. Hoist. Jacks. Come-a-longs. 2 ton lift. Scales. Scaffolding. Mechanic tools. Grinders. Farm, garden & lawn hand tools. Mowers. Rototiller. Chain saw. Pole hole augers. Wire. Concrete mixers. Alum. refrig. dolly. stoves. Beehives. Oak barrels. Farm bell. Steel staircase. TONS OF SCRAP.

SAT.: ANTIQUES, COLLECTIBLES & HOUSEHOLD WILL START NO LATER THAN 12:NOON (sale begins w/left-overs of farm goods from Thurs., if any). Early oak wall telephone. Oak round table. Oak bureau. Matching English-carved oak settee & rocker. Oak china closet. Vict. high chair. Vict. horsehair matching set. Vict. library table. Country dropleaf table. Shaving stand. Plank seat chairs. Cottage chest. Octagonal lamp table. Ornate wal. desk. Harness maker's bench. Spool bed. Brass & iron bed. Book shelves. Wick trunk & other pcs. Dome trunks. Two S. Thomas clocks. antique toys, games & Xmas decorations. Old cutters, grinders & meat presses. Kitchen gadgets. Prints, pictures & frames. Early baskets. Cabbage cutter. Asst'd china. Asst'd pressed & pattern glass. Pottery crocks & jugs. Old bottles. Beer steins. J.B. '56 Thunderbird Decanter. Books. Fireplace tools. Many kitchen & household appliances including never-used Whirlpool washer.

TERMS: CASH or it's Equivalent. 10% "Buyer Premium" added to all purchases. Fast removal necessary! No out-of-state checks...Inquires answered only when "collect call number" is left with Auction Co.

-CERTIFIED AUCT. INST.-AUCTIONEER
J.M. Boswell, CAI
J.M. BOSWELL AGY., INC.
(215) 692-2226 **AU-085-L**

—CLIP & SAVE—

MAILBOX MARKET
FOR SALE

4 outstanding reg. simmental bulls out of calving ease sires all w/3 25 wt DOA or better starting at $800 Adams Co 717-334-5966.

Balley hyd work platform, 6 to 15' high, $375, 9" south bend lathe on cabinet, chucks, etc , like new, $1550 Leb Co. 717-273-3982

Chester Co. potato grower will sell wholesale directly to retailer now through March 91. 215-593-5004

Suzuki motorcycle '79, $300 717-362-4315 eves

Bray cattle breeding wheels, for reproductive recordkeeping, 4 wheels w/ custom cabinets, magnetic numbers. Lanc Co 717-872-6071, days

AKC yellow Lab. pups, spring ram lamb. Also spring ewe lambs registered Suffolk York Co. 717-246-2573 after 5.

Jersey bull service age $400. Chester Co. 215-269-0759 before 8AM or after 6PM.

Ford 3000 dsl tractor on steel wheels, best offer. Union Co 717-922-4465

Great Christmas gift- Kimball organ w/many features, $500. Also 20,000 btu kerusene heater, $50 Leb Co. 717-866-2003

1975 Chevy 4x4, ¾ ton, $1400, 350, auto, 4 10 gears, Posi rear, new insp , new exhaust York Co 717-225-1536.

1978 Ford F700 flatbed 20' new paint new engine good rubber $2500 w/bed $2000 without. Lanc Co. 717-872-7081.

13HP drying fan vaponzer heater motor 3PH grain spreader 6"x53' auger damaged, otyhers, worn tires 16.9x28, 18 4x38 Hunterdon Co 201-479-4807.

4 aluminum wheels & 15" tires Ford lug pattern 62-JD w/loader 1974 tri-axle dump truck Chester Co 215-286-9284

Meyers snow plow ST-78 6½ ' manual angle plow & elec lift $250, good cond Wayne Co. 717-253-3564 after 4PM, anytime weekends.

Sheet steel, galvanized, white. Excellent roofing, siding, beautiful. R R. ties, R.R ties, R.R ties, R R ties Lyc. Co 717-584-2928.

14.8 GE freezer. Chester Co. 215-458-5776.

Mobile home 14x70 1985 Pine Grove 3BR 1 bath good cond Must be moved, $20,000 Bucks Co. 215-968-0113

Old heavy duty wheel rake, good for corn fodder, $40 Lanc Co. 215-445-5918

IH 1 pr corn picker $600, JD 300 combine $500, IH 46 baler $400- all in good cond JD 43 corn sheller $300, 2 Armstrong tires $250 Union Co 717-966-0244

Suzuki 425 motorcycle '79, $300 717-362-4315 eves

New spring wagon on steel seat w/back. Also Gehl 600 harvester w/corn & grass head cheap. Lanc. Co 717-859-3833.

New roof trusses, weathered various sizes & quantities. Carroll Co. Call Greg-301-876-3900 weekdays 8-5

Treadle Singer sewing machine sew light leather Also 2 pony carts & angora rabbits. Berks Co. 215-562-3669.

1 horse wagon, 2 horse wagon both good cond Home Comfort wood coal cook stove Fred Co , MD 301-845-8650 after 8PM.

TD6 62 series, new pins-Bush. $3500. Also 9300 JD backhoe $950. 6000 gal tank, good cond. $325 Lanc Co. 717-733-8434.

8 face cords of hickory cherry firewood seasoned sawed & split 16"-18" length $60 face cord Lanc Co. 717-285-5208

Kirby vacuum cleaner w/ attachments runs good $250, Win. model 50 12 ga 2¾ " mod. choke semi auto. shotgun $325 Lanc Co. 717-665-2627.

IH F460D TA FH $3000, IH SP91 combine 8½ ' $1500 Cumb Co 717-249-4996

Saddle- S. H. Suprema Superdrafter Austr. saddle 17" seat like new $1200 OBO. Courbette dressage saddle 17" seat Briole Martindale $1095 OBO. 717-567-6027

Auto & truck radiator repair equip., & inventory & supplies will train & teach you the business, full or part-time 215-495-1021

Garage door ribbed steel 9'x7' complete new never used $225 S Lanc Co 717-548-3647.

Ford 1200 4WD compact diesel w/3 pth & PTO 280 hrs , $4200 or B O. snow plow & 5' 3 pth finish mower avail. Lanc. Co 717-687-0102 daily-wk days.

Farmall F-20 tractor, Case vac tractor, loader fits JD B or A, Int H or M tractors, $100 ea Carroll Co Md 301-848-1913

NI 323 corn picker like new - kept inside $2600 OBO. Northampton Co 215-588-7735.

Pair large white royal mute swans from excel. breeding stock Lanc Co. 717-733-6333

Old oak hand hewn barn timber of various sizes some unusual jointry, also 1 chestnut log. Lanc Co 215-445-6306.

300 bales 2nd & 3rd cutting alfalfa, no rain $1 75 bale, old Caterpillar diesel pow r unit pony start, approx 40 H P $500 Dau Co 717-939-5583

Miniature horse 16 mth old filly, 30½ " both parents are 31½ ", should make a very nice broadmare Mont Co 215-234-9379

2 reg holstein heifers due soon, dam's record over 20,000 lb milk, $1200 ea Lanc Co 717-665-4239

7 yr old work mare, good worker $800 Aaron Lantz, Box 343 RD 2 Myerstown, Pa 17067, Leb Co

Ford 5000 w/rollbar & canopy, new rubber, excel cond., also Oliver 5 btm 18" plow North'd Co 717-758-2078

AKC Golden Retriever puppies great X-mas gift 1st shot, wormed, vet examined, ready Dec 14 deposit will hold Shamokin, Pa., North'd Co 717-797-3614

Very friendly male ferrett $35, neg Drawlite class III hitch never mounted $50 Perry Co 717-582-8980

10- 1990 Reg Texas Longhorn calves, 2 bulls, 3 steers, 5 heifers, $500-$750 Craig Calflesh & Sons, 717-469-2997

29 acres mountain land, scenic view of river, excel hunting, $24,000 Dau Co 717-692-5375

Parting out 1981 Fairmont & 1979 Malibu wagon bad engines but good body parts Leb Co 717-866-6287

Better-Bilt 2,600 gal vacuum spreader w/flotation tires & injectors, good cond , asking $5200 Franklin Co 717-597-9896

White Horse 2 way hyd plow in good cond J David Stoltzfus, 5481 Umbletown Rd , Gap, Pa 17527 Lanc Co

JD 1989 post hole digger 3 pt hitch $850, meat slicer, globe gravity feed $250 York Co 717-382-4556

6- 600x16 tires & wheels, $5 ea , 50 door inside, outside front on rear $500 ea , 10- 2' elect heater (110 current) $10 ea , 10- Shallow well pumps $25 ea , Chester Co 215-444-1490

Farmall Super MTA diesel 2 pt hitch, PS, live hyd & PTO good cond Juniata Co 717-436-9708 after 6 p m

5-yr -old reg standardbred horse ready for the road $975, also 2 btm trailer plow- 12", $250 Henry Esh, 619 W Lincoln Ave , Lititz, Pa 17543

Chain hoist CM 646 cyclone 5 ton 32' chain like new $650 304 229 5694

2- 36" barn fans $100 ea , also 1967 Chev shortbed pickup truck V-8 auto good cond , $2,500 717-394-3887

7 yr old black standardbred good broke, 2 Swiss heifers, 2 holstein heifers, 1 Siamese tom cat 717-354-5039

JD 450-B track loader, 10 ton Int truck 3 axle trailer, all good cond , $19,900 Bucks Co 215-536-6800

Woodland, 20 acres 5 miles from Little Buffalo State Park in Perry Co Lanc Co 717-393-7452 eves

JD 1219 haybine used little $4700, Farmall 886 cab air 2000 hrs 18 4-38, $13,700 Martinsburg, W Va. 304-229-3917

PUBLIC AUCTION

2 TRACTS OF WOODLAND

SAT., DECEMBER 15, 1990

AUCTION TIME 11:00 A.M.

DIRECTIONS: From Harrisburg, PA, take Route 322 West to Lewistown, 1 exit past Lewistown, take Burnham exit to stop sign, turn right to T. At T, turn left, go through Burnham, follow signs to town of Vira, through Vira to Belltown, through Belltown, 2½ miles, turn left on Lohts Road, to property on left, follow signs. Decatur Township, Mifflin County, PA.

TRACT #1

Contains 77 acres & 84 perches.

TRACT #2

Contains 106 acres, adjoins tract #1.

Both tracts of land located between Lewistown & Middleburg on the SOUTH side of JACK'S MOUNTAIN. Having deer, bear & turkey, this is an exceptional site for camera, bow or rifle hunting. Suitable for a summer retreat, the perfect "get away from it all" location. 2 SPRINGS ON PROPERTY, UTILITIES AVAILABLE, NEAR INDIAN RUN GOLF COURSE. These tracts will be sold separately, on site, but 1 or both, RECORDED RIGHT OF WAY W/EASY ACCESS, NEW SURVEY.

TERMS: 10% down day of auction, balance at final settlement on or before January 30, 1991. All herein information is believed to be accurate but is being used for advertising purposes only.

BROKER PARTICIPATION INVITED. To qualify for 1% broker's fee at final settlement, broker or agent must REGISTER POTENTIAL CLIENT W/AUCTIONEER, IN WRITING, 24 HOURS PRIOR TO AUCTION. Mail to Paul E. Martin, 1111 Forest Hill Road, Stevens, PA 17578. For plot plan call 717-733-3511.

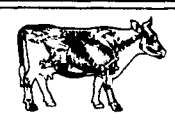
Auction By:

Eugene K. Martin
Carl G. Sensenig

CHARLES AX, ATTORNEY
Middleburg, PA

Auction Conducted By:
J&P Auctions
Paul E. Martin, Auct. AU-001601-L
Ephrata, PA 717-733-3511
John D. Stauffer, Auct. AU-001509-L
Manheim, PA 717-665-5099

THE TREATMENT OF
CATTLE
BY HOMOEOPATHY



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LARGE 2 DAY PUBLIC SALE

SAT., DECEMBER 1, 1990
AT 9:00 A.M. &
SAT., DECEMBER 8, 1990
AT 9:00 A.M.

LOCATION: Southern York Co., PA. From I-83 exit #2 (Glen Rock) take Rt. #216 west approx. 0.8 mi. Turn south onto Rt. #111 for a short distance & turn right onto Church St. Continue approx. 2 7 mi. to Glen Rock. Turn left onto Main St. Sale will be held inside Neuhaus'es Store at 32 Main St., Glen Rock, PA. Follow signs!

**AFTER OPERATING IN GLEN ROCK, PA FOR 90 YEARS, NEUHAUS'ES INC. IS RELOCATING ITS BUSINESS TO SHREWSBURY, PA. THEY WILL NO LONGER HANDLE HARDWARE & CERTAIN MISC. ITEMS IN THEIR NEW STORE. THE FOLLOWING ITEMS WILL BE LIQUIDATED AT PUBLIC SALE.

SAT., DECEMBER 1, 1990 AT 9:00 A.M.
*1-horse wagon signed JF & HO Neuhaus-owned by Neuhaus'es Inc. since opening of store-painted & restored-RARE, *pto dynamometer used for testing horsepower-LIKE NEW, *NEW storage buildings-6'x8' & 12'x16', *1978 GMC pickup-6 cyl-AT, paint shaker, lg pine 8-pane cabinet-NICE, counter scales, wooden toys, JD toys, advertising memorabilia, lg selection of stove pipe, wooden nail & bolt bins, sev. rolls of plastic pipe, hundreds of boxes of hardware, some tools, housewares, many lawn & garden items, pet supplies, automotive supplies, office desks & chairs, file cabinets, store fixtures, shelving, mulch, fert.

THIS IS ONLY A PARTIAL LISTING! INSPECTION OF MERCHANDISE FOR DEC 1st SALE WILL BE HELD *DAY BEFORE SALE!*

SAT., DECEMBER 8, 1990 AT 9:00 A.M.
Brass hames, old wooden shovels, sev. water stock tanks, sev. NEW farm gates, sev. bags bark mulch, fertilizer, many boxes of hardware, tools, bolts, paint, sev JD toys & whatever items are left over from previous sales

THIS WILL BE THE *FINAL* CLEAN OUT SALE FROM NEUHAUS'ES STORE. INSPECTION OF MERCHANDISE FOR DEC 8th SALE IS *DAY OF SALE ONLY!*

AUCTIONEER'S NOTE: Don't miss these sales! Most merchandise is NEW! Sales will be held *inside* regardless of weather! Sales tax will be charged!

TERMS: Cash or good & approved check Out of state buyers *MUST* have current bank letter of credit unless known by auctioneer!

OWNERS:
Neuhaus'es Inc.
32 Main St.
Glen Rock, PA 17327
717-235-6831

AUCTIONEERS:
Melvin Haines
Ralph Brenneman
Lic# 379L 708L
717-757-5130 or 741-1728

REFRESHMENTS WILL BE SERVED
NOT RESPONSIBLE FOR ACCIDENTS DAY OF SALE.

CLIP & SAVE!

C.B. HOOBER & SON, INC.
Intercourse, PA
(717) 768-8231

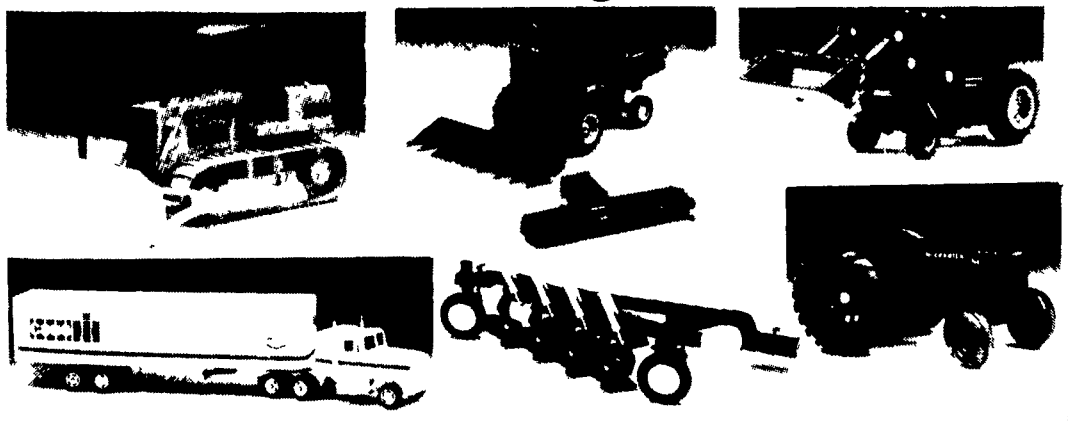
HOOBER
TWO LOCATIONS
The Saving Place

HOOBER EQUIPMENT, INC.
Middletown, DE
(302) 378-9555

YOUR GIFT HEADQUARTERS FOR CASE IH FARM TOYS -

10% OFF ALL TOYS IN STOCK!

Now On Sale Through December!



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Pick Up Your Phone And Place Your Parts Order With Us

MAILBOX MARKET FOR SALE

Real Estate. Somerset Co adjacent game lands, 48 acres previously golf course, 24'x40' building, acre pond, spring, some woods, breathtaking view 412-884-3270

2 antique 1¾ " thick panel doors 38"w 89"h $25 for 2, Fetzer 12 hoe grain drill on Stl whls. $60- OBO AC-WD can be restored $250. Montg Co 215-539-5045.

'74 Peterbuilt cabover, 350 CUM, 13 spd , $3500, alum 5600 gal tank trailer $1850, HD10 tracks $650, 4-71 Det $1000 Cecil Co , Md 301-378-2785

Danuser 3 pt. hyd woods-splitter, tractor mounted circular saw Chester Co. 215-932-2316

272 Leyland w/cab, has about 2000 hrs , needs an engine $1800 Mifflin Co 717-899-6893

1982 Int. 1850B DT466 engine 22' bed York Co. 717-432-4598 after 6.

1988 Cub Cadet 1872 estate tractor 18HP, hydro, PS, hyds 60" mower snow plow, wts. 330 hrs , extra sharp, $3495 Lehigh Co 215-298-3362

Ivanhoe Star semen $35. Also Mark semen $75. Several other bulls. Always been stored at Atlantic Breeders Cumb Co. 717-532-6618.

Orchard sprayer-bean 1229-3PT 100 gal good cond. Also refrig. truck Int 1973 good tires runs good. 304-876-2754 after 5PM.

2 seated surrey, fringe on top red & white gold trim. Also 6 wk pigs. Bed Co 814-784-3385

Tico 3"x30' alum. irrigation pipe w/Rain Bird sprinklers, will sell in small lots. Contact Jim Pirrung, Wayland, NY. 716-728-2520

Everything to build a log splitter- axle, pump, beam, controls cylinder, $200 for all One complete log splitter $550. Lehigh Co 215-967-3957

JD 28 disk harrow transport $675, 3PT 3 bottom plow $195, 1537 Case skid loader works very good $2875, NI wheel rake like new $375 717-354-0266

Big antique potbelly stove Wanted- 3PT 16" single bottom plow prefer cover board. Lanc. Co. 717-656-9548.

Tye 10' no til end wheel drill, legume attach , exc cond., all updates, $5700 OBO. Lanc. Co 717-529-2723

Singer #29/3 leather machine, very good. Singer featherweight portable, excellent for quilting Also, I buy pre-1875 sewing machines 215-383-1952

Parts off IH corn picker. Union Co. 717-966-3965.

2 big black standardbred carriage horses, 4 & 5 yr. old, traffic safe & sound. Also 300' split rail fence, also 2, 3 & 5 ton air hoists like new. Lanc. Co. 717-768-8648 1 00-1 30.

Big culvert pipe 11'6" wide 7'8" high 16' long $100, 8' Oliver dozer blade $200, ½ Arab 2 yr. drives $600 Sch Co 717-648-4484

NH 258 rake, exc cond , ruber teeth. Chester Co 215-593-5574

Chevy 305 motor completely overhauled, NI 214 manure spreader 3 beater Wanted- 530 Case tractor w/loader. Sch. Co 717-345-8815

Tractor tire chains fit 16 9-30 tires also fit smaller or larger tires. Lanc Co. 717-626-5449.

Corn fodder you bale make offer, 10' pickup camper w/ heater, refrig., stove w/ oven, sink, make offer. Lanc. Co. 717-665-7256.

Sauder hydraulic loader 41" wide, forks w/bucket type D2. York Co. 215-583-8115.

1987 GMC PS & AC 305 F.I. w/cap nice truck $5600. Maple dinette table w/4 chairs good cond. $125. York Co. 717-292-1150.

Antique stone mill built by Samuel Lieberknechet Hellam Aug. 17, 1909 No. 252 $175. York Co. 717-235-2032.

Reg. Harlequin grat dane puppy beautiful marking champion bloodline ears cropped shots & wormed reg. Tenn good trail & show. 717-648-1280, 717-643-3194 after 5 p.m.

Trailer 9T, 3 axle deck between wheels, good cond., $1400. Toro snow blower 5-24 $300 sod cutter $300. Del. Co. 215-358-0725.

Rent horse stables pastures trails 1700 bushel Storage bin w/forced air, 1500 bu ear corn storage Chester Co 215-932-2453.

Asphalt plate tamper $975, cabinet sash sticker $950, IH 16 harvester $450, gymnastic parallel bars $950, vaulting horse $350 North'd Co 717-286 5306

2 Maytag wringer washers, good cond. JD A tractor 717-768-7440 9AM-5PM.

Machine shop shaper, 16" stroke, 220 volt, single phase, C.J. Steptoe w/vise $300. 301-398-9680

IH 350 utility power steering fast hitch wide front end 1001 loader $2900 skid tank lowboy pump $175. North'd Co. 717-758-3387.

Pot belly stove 1" cast iron holds 75 lbs. coal 8" door 15" grate not airtight $25. Lanc. Co. 717-627-3736 after 4.

2- 18' wooden bale wagons $1200 ea., 1 metal 18' $1200, 1 #72 NH kicker Col. Co 717-784-7649.

Scotch Highland cattle, reg. well-bred, & beautiful animals, bred cows, heifers, young bull. Leb. Co 717-865-4473.

Ford 6 cyl. rebuilt engine w/ turbo, 145 HP 363 CI $3000, good cond. Lanc. Co. 717-355-2121 ask, for Elvin.

JD 430 round baler. Also JD 1360 discbine. Both 2 yrs. old, exc. cond. Susq. Co 717-222-4295.

Non-bred Guernsey family cow, $500. Chester Co 215-869-2791.

15 HP Yanmar 4 wheel drive tractor, quick hitch loader, snow cab, belly mower, Woods 3 pt mower, low hrs , $6000. Lanc. Co. 717-442-4279

6 real nice walking horses- 4 geldings & 2 mares, exc. for trail riding & 100% sound, not sale horses Luz. Co. 717-379-3217 after 5 p.m.

65 Chev. PU $450, 2 btm. JD plow $35, Mossberg .410 bolt 183KE $120, Rockola 404, $425. Leb. Co. 717-838-2922.

Pomeranian pup AKC male orange 2 mo. old, shot & wormed $175. Lanc. Co 717-684-0452 after 5 p m

Heavy plastic 60 gal. apple juice barrels, many uses $5.00 ea, quantity discounts. Wyo. Co 717-586-0145.

Zimmerman automatic head gate & chute 3 pt hitch used once kept inside, $675 215-367-5898. James, after 9 p.m. Eastern Berks

Lab Retriever pups AKC 2 black males $300, 7 wks old Montg. Co 215-584-8122

1984 Dodge Ram turbo charged diesel pick-up, 5 spd. overdrive, PS, PB, new tires, heavy duty hitch, $3900. Bucks Co 215-348-2116.

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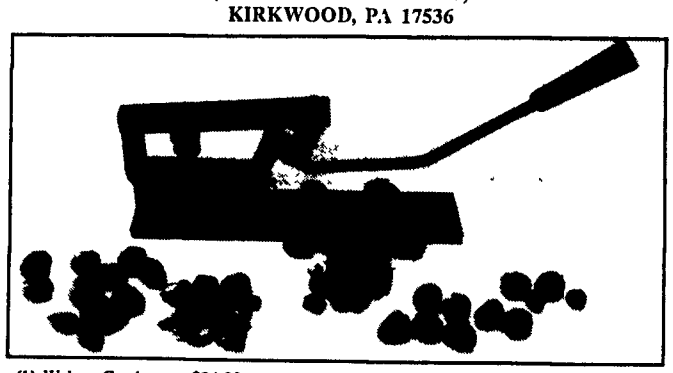

(1) Walnut Cracker	$24.00
UPS Shipping	$ 3.00
Pa State Tax	$ 1 62
Total	$28.62

No shipping on 3 or more

Overall Size. 24"x3¼ "x6½ "
Weight: 8½ Lbs.
Cracks Nuts Size: ½ " to 2"
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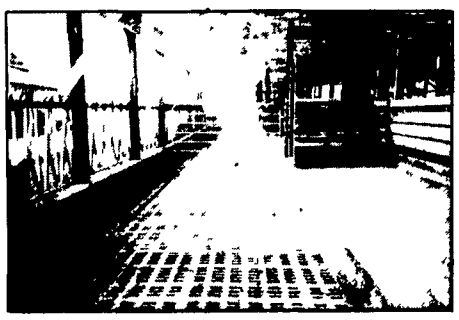
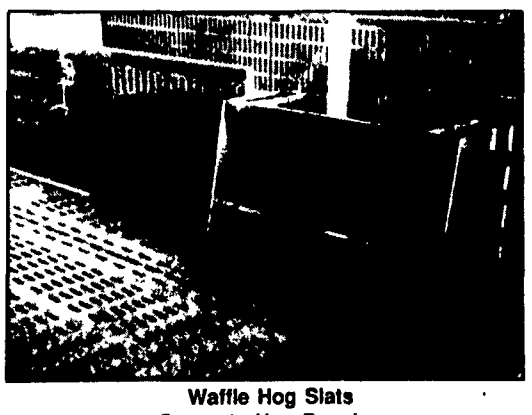
"Waffle Cattle Slats"

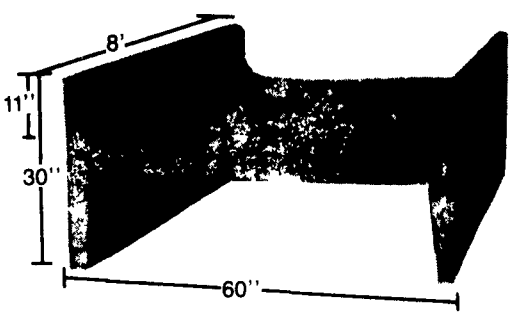


Waffle Heifer Slats

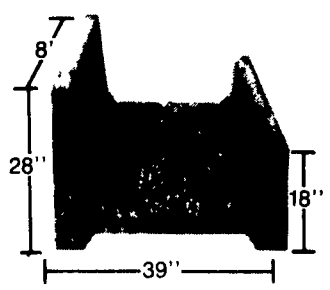
The only concrete slat with Your Animals Comfort In Mind



Waffle Hog Slats
Concrete Hog Penning



H-Bunks



J-Bunks

Contact Us For Complete Details On Heifer Cattle, Hog And Free Stall Barns

LOGGING EQUIPMENT AUCTION

SAT., DEC. 1 @ 10:00 A.M.

Moved for convenience of auction to Visscher Lot, Rte. 282 Nichols, N.Y. use Exit 62 off Rt. 17 Expressway - Follow Rte. 282 south to farm 18-20 miles north of Towanda, Pa. via Rte. 187.

LOGGING EQUIPMENT: Franklin 100 skidder-353 diesel - good cond., chains; John Deere 450C Dozer - 6 way blade-rebuilt engine-J.D. winch; Prentice "G" loader trailer mounted - 471 Detroit power-log bunk; Mobark model 3-48 chipper unit; Allis Chalmers rubber tired loader; Infantry Carrier track skidder; Ford 841 Powermaster; 3 pt. post digger; 3 pt. rotary cutter.

TRUCKS & TRAILERS: 1979 Auto-car, Cat 3208-613 trans., P.S., log bolsters nice truck; Int. truck with Prentice "G" loader rear mount; Int. truck with Prentice loader & power unit; **1970 Chevy C50-18' Midwest dump;** twin hoist; Fruehauf 38' lowboy trailer 28' bottom-10' deck; trailmobile trailer 9ft. spread axle w/log bolsters; new brakes & drums; Strick 40' storage trailer; trailer mount 44,000 lb. gear hydraulic winch; 18' van trailer; 2 storage buses; Ford B700 Bus; Volkswagen Dune Buggy; 1981 Horizon car; 1976 Nova Car; camper trailer; 5th wheel Detroit & Cummins parts.

RACE CAR & ACCESSORIES: NASCAR Asphalt Modified Car, Troyer copy, Dolan Chassis; Franklin Quik Change, Wildwood Calipers; Tilton Brakes w/frane jig; Chevy 427 eng.-100 over Hutter Intake & Alum. head match set; race car trailer; 1969 Int. race car hauler; Chevy Big Blocks; Heads; Racing Cams; Crankshifts; Headers; Alum. intakes; gears.

SHOP TOOLS, ETC.: Line 240A portable welder; Multi Mig Welder; Jonsered & Partner Chain Saws; chain hoists; R.R. Jack; parts sand blaster; bench; oxy acet. torch set; storage & bolt cabinets; Sears 1036 riding mower; air compressor; IH 301 & 345 engine; band saw; motor stand; floor jack; portable generator; truck bed; 4x4 Bolsters, concrete mesh, etc.

TERMS: CASH OR GOOD CHECK
LUNCH AVAILABLE

STEVENS LOGGING: OWNERS

HOWARD W. VISSCHER
SALES MANAGER AND AUCTIONEER
NICHOLS, N.Y. 607-699-7250

HFA

REALTOR MLS

PUBLIC AUCTION
OF VALUABLE ANTIQUES
Saturday, December 1st
@ 10:00 AM

Located near Brunnerville: From Ephrata take Rt. 322W to the village of Clay. At Clay Bookstore turn left; go approx. 3 mile to Brunnerville turn left on Pine Hill Rd; go 6/10 mile to auction on right. Warwick Twp., Lanc. Co.

GRANDFATHER CLOCK (Geo. Eberman, Lanc. #14, built in 1840); Old large rug loom (makes 44" wide rugs), warper, wrapper & shuttle, yarn winder, shuttle filler, lots of warp & hand loomed items inc. rugs & placemats; 2 lg. old chests of drawers; several nice sets of wooden kitchen chairs; walnut ext. table w/6 boards; nice wash stand; several wooden rockers; desk w/3 lg. drawers; clothestree; drop leaf table w/drawer; large Bowers made sideboard (N. Holland); Ingram mantle clock; Zimmerman family bible (1800's); old Martyr's mirror; fainting couch; 2 high backed beds; china cabinet; butter presses; mirrors; blanket chest (D.N.H. 1924); lg. linen counterpane; heavy comforter; quilts; child's rocker; wooden stand w/drawers; wooden bench w/York church; corn dryer; old cookstove; platform scales; dinnerware for 18; 3 carnival bowls & cream pitcher; 17 old water glasses; good old glassware inc. china pcs.; bowls; platters; tureen; sugar & creamer; misc. bread pans; fry pans; pie & cake pans; fans; sewing machine; range; refrig.; 2 freezers; binoculars; meat slicer; nutcracker; wringer washer; bench vise; grinder; old wooden carpenters chest & tools; quilt; electric drill; Echo 20" self-propelled mower; stepladders; ext. ladder & many more items not mentioned.

Lunch available

Terms by: Estate of
DANIEL N. HOOVER
Attorney George Morgan
Horning Farm Agency, Inc.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183

MAILBOX MARKET
FOR SALE

Saddle for sale: English all purpose, excel. cond., $150. 215-987-3789.

42" snow blower & 42" push blade, both for 16 or 18HP Sears tractor, hay, 3 incubators, 2 elec. fencers, 55 gal plastic drums 717-244-0624.

Clark forklift 3000 lb. propane, excel. cond., $3250. Flemington, N.J. 201-782-3391.

86 Camaro V6 5 spd. MPFI ps pb black w/gray int. Alpine am-fm CD player w/30 watt amp. exc. cond. well maint. 60,000 mi. $5100. Annville. 717-867-1437

1981 Cutlass Supreme very good cond. $2500, Oliver 348 18" 3x plow will trade 4x or bins 717-653-8703 after 3

Surge milker pump 50 cfm w/motor good cond $250 OBO Also 1000 bushels new ear corn Adams Co 717-359-4383

baler Oliver 60, Comet Ford 1961 low mileage exc cond. $1500. Auto trans York Co 717-432-3188

IH 540 4x16 semi mounted plow hillside hitch $750 York Co 717-757-4238

NH 445 skid loader w/new engine, very good cond. Berks Co 215-683-6648 or 215-683-3154

JD 420 row crop utility, 28HP 3PT VG cond, tires liquid filled- good tread, $2450. Retired from farming. Berks Co 215-562-3523

1960 F600 C&C $500, 1967 F500 14' bed $600, 1974 Int PU $500, 1969 Int. 26' bed $1200 Balto Co 301-357-4073

Maytag wringer washer, 28" grindstone, cast iron coal heater, 12" gear head lathe, 10" band saw Berks Co. 215-926-3284

2 black faced ewes, bred in Sept. 1 yrlg. lamb ready to breed. Make offer 717-898-9156 after 5.

Used 2" Boumatic milking system w/5HP vacuum pump. Also 12 automatic take-off units Leb Co 717-273-5747

Pennola heatrola very good cond. uses wood or coal heavy built $75. Stephen Lantz, 305 Iona Rd, Lebanon, PA 17042

2 service age Holstein bulls pole barn post 6"x6" 15'-18' $1.25 running ft. Sweet potatoes $10/bu, Kennebec potatoes $6/bu Franklin Co 717-597-4494

Elec. baseboard heating units 115 volts, 59' $60. Bill Schilling, 31 Hendricks St, Ambler, PA 19002 215-643-6577.

Pygmy goat herd of 16 2 bred Pygora does. All healthy w/vaccinations Mont Co. 215-489-7905

Wheat straw 150 bales $1 bale Massey Harris 81 $400. David Bradley corn sheller pto or belt $125 Lanc Co 717-665-5993

Guernsey cross 1st calf heifer Paul F. Martin, 307 Gristmill Rd, New Holland, PA 17557.

67 Cougar 289 at ps pb fair to good cond restoration car, new tires, Mag 500s $1700 OBO. 717-355-9103

1982 Buick Skylark limited V6 aut. cruise tilt air good cond 81,000 mi. black Lanc Co. No Sunday calls 717-653-4725.

12" belsaw planer, like new, $515 extra blades Also bay carriagge horse saddlebred. David M Hoover Jr., 612 Reidenbach Rd, New Holland, PA 17557

Oats (no rain), parts for Gleaner G combine, walnut wood $1/ft Snyder Co 717-374-9686 or 717-374-8363.

10 yr old saddlebred horse broke, traffic safe & sound Lanc Co 717-354-7595

Good size, round, stripping room stove Quick heating $75 I. L. King, 76 Locust Ln, Quarryville, PA 17566

66" dirt bucket for Case 1845 skid loader, new cutting edge, good shape, $300 OBO. Lanc Co 717-664-4008

Wood stove custom made cast iron 23x24x21 2 doors exc cond $200 young male burro friendly $150 Dau. Co 717-566-0340.

1974 ¾ ton Chev. pickup truck good cond. 350 engine std. trans w/cap Berks Co. 215-926-3865.

Inside 1½ ton feed bin $100. Berks Co. 215-777-7349.

1980 Bobcat 310 820 hrs. foam filled tires, backhoe, loader bucket, snow plow, 16HP Kohler eng, $5000 OBO. Phila Co 215-637-8552.

Used storm front carriage front wheel brakes 12 volt lights needs minor repairs $950. Benjamin Allgyer, 6222 Plank Rd, Narvon, PA 17555.

Chrome hitch bumper for Chev. pickup 1987 or older $75 good cond Lanc Co 717-354-9702 after 6PM

Rite-way wood stove Model 2000 excellent cond used 2 seasons $150 D A Zook, R4 Box 467, Ephrata, PA 17522

2000 watts generator kerosene heater must be vented, 9x7 overhead garage doors no hardware, 6' cast iron troughs. Berks Co 717-933-5250.

285 bales wheat & barley straw no rain Also Int. 20C harvester used this season for use or parts make offer Berks Co. 215-944-6006.

Jack Russell Terrier pups tri-color markings shots wormed good farm dog females $150 males $125 Berks Co 215-693-6754

750 MF combine air new rasp bars new drive belts grain head Reason- son will do harvesting 215-395-1066

Barn cleaner 60' flat link style, 40 yoke style stanchion apply to Geo. Leid, 919 Leid Rd Earl.

JD #450 hydra push manure spreader hyd endgate good cond, $3650 Berks Co 215-589-4140

MAILBOX MARKET AD FORM

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Please NO PHONE CALLS

(Attach Your Mailing Label Here)

Check One:
For Sale____ Notice____ Wanted____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mailbox Market. Subscribers using the Mailbox Market MUST use this form with mailing label attached and will be governed by the following rules:

Limit your advertisement to 20 words; area code must be added to phone number or ad will not be published, and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper; no business ads accepted.

Include your Lancaster Farming mailing label and mail to:
Mailbox Market
Lancaster Farming
P.O. Box 609
1 E. Main St.
Ephrata, Pa. 17522
No Phone Calls Please

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Check the proper box and fill in your name and address. Attach your check, $15.00 per year or $28.00 for two years in PA, MD, DE, NJ, NY, OH, VA and WV. (All other areas - $25.00 per year, $48.00 for two years.) Payment must accompany order. Allow three weeks for delivery.

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NON-REFUNDABLE

We're Partners In Economic Progress

The hard work and dedication of Pennsylvania's 55,000 farm families and food and fiber processors continue to keep agriculture the number one industry of the Commonwealth. And our Keystone farmers and agri-businesses are the leading producers in the northeastern United States.

Pennsylvania's farm families produce $3.31 billion in crops and livestock annually. Agriculture-related industries generate an additional $35 billion each year in economic activity and provide jobs for about 20 percent of Pennsylvania workers.

With 12 million residents, Pennsylvania ranks fifth nationally in population and ninth in urbanization. Our 1,020 incorporated towns, boroughs, and cities are growing hubs of activity and destination points for many of the Commonwealth's agricultural products.

Without farms, cities would have no food. Without cities and towns, farmers would not have the necessary markets and processing facilities for their products. The link between our farmers and urban dwellers is vital in continued efforts to extend economic opportunity and accelerate economic progress throughout the state.

Governor Casey designated November 16-22 Farm-City Week. The following facts help us to understand the importance of agriculture and the relationships between our rural and urban communities:

- An American farmer produces enough food and fiber for 114 people. By rough estimates, a farmer in China provides for 3.5 people and a farmer in the Soviet Union provides food for 11 people.
- Only one person out of 20 lived in an urban area when the Constitution was signed 200 years ago. Today, five out of 20 Pennsylvanians live in an urban environment.
- Pennsylvania farmers have $1.6 billion invested in farm machinery.
- The state's agricultural land plunged from 12.3 million acres in 1960 to 8.35 million acres in 1988. In the decade from 1975 to 1985 alone, Pennsylvania lost 900,000 acres of farmland, equivalent to losing an area the size of the city of Pittsburgh every six months.
- Only 25 cents of the consumer's average food dollar actually goes to the farmer. The rest is spent on processing, transportation, and marketing.
- Pennsylvania ranks first nationally in the production of mushrooms, pretzels, potato chips, and milk chocolate, along with the number of licensed bakeries and commercial slaughter plants. We hold five top rankings for frozen dairy products, eggs, peaches, cherries, grapes, fresh sweet corn, apples, butter, milk, Italian and creamed cottage cheeses, and oats.
- It can take nature up to 500 years to replace one inch of topsoil.
- Agricultural exports from the Keystone are valued at $237 million annually.
- Sixty percent of Pennsylvania's farm operators earn some income off the farm, furthering their interest in community affairs and sharing in volunteer work.
- Every county in Pennsylvania (excluding Philadelphia) functions as a conservation district to manage their soil and water resources. By law, county conservation district boards are comprised of both rural and urban members.
- Pennsylvania is the nation's second largest producer of electricity. We generate more of it from our own resources than any state from Maine to Minnesota.
- Philadelphia is the world's largest freshwater port, with excellent access to interstate highways and railroads. We have the county's busiest inland port in Pittsburgh, and an international Great Lakes harbor at Port Erie.
- Nearly 619,000 of Pennsylvania's five million workers are skilled in high-technology specialties, more than all but four other states.

More than 99 percent of Pennsylvania companies are classified as small businesses because they employ fewer than 500 workers.

- Tourism is the second largest industry in Pennsylvania, employing some 231,000 people and generating $12 billion annually in economic activity.

New Agronomy Guides Ready

Copies of the "Penn State Agronomy Guide for 1991-1992" are now available at county extension offices. These crop production manuals contain general sections on integrated pest management, soil fertility management, storing seed and grain, and erosion control and conservation plantings. In addition, they include recommendations on varieties, nutritional requirements, establishment, pest control, and harvesting for the following crops: corn, grain sorghum, soybeans, small grains (oats, wheat, barley, etc) and forages. The price of the new edition of this valuable farming tool is $6 per copy.

Black Walnut Shavings

Jim Gallagher, Penn State animal scientist, reminds us that serious problems can be encountered if shavings or sawdust from black walnut trees (Juglans nigra) are used for bedding horses. Blakc walnut contains a chemical, juglone (5 hydroxy-1, 4-naphthoquinone). Horses can become poisoned within 12 hours of exposure by ingesting the shavings or even by standing on the bedding material in the stall. Observations indicate that the shavings must contain 20 to 25 percent black walnut before the problem is serious.

Clinical signs of black walnut poisoning include depression and edema, with a high percentage of the cases developing laminitis (founder). The degree of depression and laminitis may vary from severe to very slight, but edema is always present. In acute laminitis, the horse will be depressed and show a great reluctance to stand. There is always marked resistance to any form of exercise and the normal stance is altered in attempts to relieve the weight borne by the affected feet. The pulse and respiration rates are also elevated in affected horses.

The problem can be eliminated and completely reversed by removing the horse from the shavings. Most horses will show improvement within 24 hours with complete elimination of symptoms in 48 hours (unless the coffin bone has rotted). There is no specific treatment for the toxin juglone itself. It may help to tube the horse with mineral oil to remove any toxic shavings the horse might have eaten. In addition, the usual treatment for laminitis is helpful, although it may not be necessary for recovery.

Prevention is always preferable to treatment. If you suspect the presence of black walnut in any amount, do not use it for horses. Black walnut shavings and sawdust particles are considerably darker than other woods. During the winter, one of the most commonly used bedding materials is soft wood shavings. Unfortunately, the supply of soft wood shavings can run short in mid-winter and dealers may substitute hard wood shavings. It is usually at that time of year when the problem is seen.

Oil Prices Push Production Costs

The USDA's Economic Research Service now expects farmers' cash expenses for the year to be $3 billion higher than projected in July. Ranging from $123 to $127 billion, 1990 cash costs are forecast to show a one to three percent gain from 1989.

Forecasts of farmers' fuel expenses rose in August, as the price of crude oil climbed about $10 a barrel following Iraq's invasion of Kuwait. Before the oil price increase, fuel expenses were forecast to rise five percent this year anyway. If crude oil averages $30 a barrel for the remainder of the year, farmers' fuel expenses will be 10 percent higher than in 1989.

Effects of the price hike on 1990 fertilizer and chemical expenses are relatively small, but will be more pronounced next year because most application takes place in the spring. Fertilizer expenses are still expected to be down this year, with prices paid for fertilizer averaging about five percent less than in 1989. A $10-a-barrel increase in crude oil prices would boost fertilizer and pesticide expenses two to three percent in 1991.

Crude oil prices directly affect the costs of manufactured inputs (fuels, electricity, fertilizer, and pesticides) that come from petroleum. If oil prices average about $20 during 1991, farmers' manufatured input expenses would be $22 billion. Increasing the oil price to $30 per barrel adds about $1.5 billion to the forecast, a six to seven percent increase. Fuel costs would be responsible for about two-thirds of the gain.

If the oil price doubles and averages $40 next year, the cost of all manufactured inputs would be 12 to 13 percent higher. Fuel expenses would climb nearly $1.5 billion, and electricity and fertilizer expenses together would increase about $500 million.

Other items that make up the bulk of cash expenses, such as feed and transportation costs, as well as prices of feeder livestock, are less directly affected in aggregate by oil prices. Manufactured items typically account for 16 to 17 percent of all cash production costs.

Fertilizer takes up six percent, pesticides about four percent, fuels four to five percent, and marketing/storage/transportion only three percent.

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LEADERSHIP AT WORK

Dauphin Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

BREED CODES:

1 Ayrshire	5 Brown Swiss
2 Guernsey	8 More Than One Breed
3 Holstein	G Grade
4 Jersey	B Grade and Registered

September 1990
Rolling Herd Averages

Owner	Breed	No. Cows	Lbs. Milk	Lbs. Fat	Lbs. Protein
Toby T Farm	B3	47.4	21,536	761	697
Restful Acres	3	116.7	21,425	801	686
My-Favorite Hols	3	56.6	21,137	683	670
Catalpa Farms	3	132.9	21,145	742	667
Alwine Farms	3	79.2	20,279	765	662
Crissinger Dairy Farm	B3	87.8	19,742	748	639
Dale F Faust	B3	49.1	20,103	672	633
Pleasant Hill Farms	B3	74.6	19,857	699	630
Stoney Lawn Farms	B3	83.2	19,915	676	629
John Hertzler	3	70.6	18,433	691	614
Irvin G. Martin	G3	30.4	19,507	726	599
Hill Side Farm	B3	44.8	18,876	647	591
J Melvin Brandt	B3	79.0	18,670	712	590
Elwillo Farms	B3	174.2	18,480	684	589
Samuel K Lapp, Jr.	B3	41.3	18,368	658	581
Lytle Farms, Inc.	3	93.2	18,216	663	576
Mahlon L. Lehman	3	56.0	17,460	645	569
Paul E. Clugston	G3	100.5	18,373	682	564

Lactation Records

Pheasant Hill Farms					
Delight	3	03/10	23,453	749	952
J. Melvin Brandt					
Doreen	3	06/00	22,495	662	953
336	3	05/08	22,820	712	919
Alwine Farms					
Cora	3	04/01	20,547	690	970
Gay	3	03/10	23,327	703	920
Ivy	3	03/03	20,035	664	886
Catalpa Farms					
582	3	03/10	28,001	856	889
632	3	03/00	26,102	890	1061
Restful Acres					
Millie	3	05/10	21,512	699	871
Haw	3	03/11	26,853	853	948
Kaylene	3	03/08	20,155	754	933
Paul E. Clugston					
191	3	04/00	20,580	671	881
38	3	03/10	22,992	654	867
Irvin G Martin					
39	3	03/03	24,351	755	890
34	3	02/01	23,214	712	852
Toby T. Farm					
45	3	08/01	22,405	714	878
15	3	00/00	28,710	914	975
My-Favorite Hols					
Wimpy	3	05/03	26,874	845	969
Grandview Farm					
110	3	06/10	22,311	714	905
Arthur Brandt					
R 260	3	05/07	23,359	725	867
Elwillo Farms					
167	3	05/04	24,964	747	941
124	3	05/02	21,403	682	900
140	3	08/02	20,869	675	942

MILK. IT DOES A BODY GOOD.™
MIDDLE ATLANTIC MILK MARKETING ASSOCIATION, INC

Potter Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

September, 1990
Rolling Herd Averages

Name	Brd.	No. Of Cows	Days Milk	Milk Lbs.	Fat lbs.	Protein Lbs.
Ivan Kibbe Jr	RH	99.3	91.1	21,410	848	713
Kevin Risser	R&GH	124.5	87.7	21,861	773	709
Dale Hoffman	R&GH	105.2	87.5	20,973	743	706
Ivan Smoker	RH	108.0	87.9	20,730	843	701
Guy Dunn	RH	54.0	88.8	20,502	750	691
Carl Erway Farm	GH	103.0	85.0	20,861	814	679
Donald Thompson	RH	48.3	86.1	20,820	755	678
Jack Thomas Sr	MX	77.8	88.5	20,629	763	648
Ron&Candy Cooney	RH	65.0	88.2	19,858	761	627
John Traub	GH	43.0	88.8	19,515	728	618
Alvin Miller	R&GH	103.5	89.6	19,143	699	618
Craig Torrey	R&GH	42.6	90.5	19,204	650	612
Rodney Lane	GH	43.9	84.2	18,156	649	612
Dan & Leon Tice	R&GH	51.2	89.3	19,261	702	605
Titus Risser	R&GH	111.7	86.7	17,947	662	594
So-No-Co Farm	R&GH	53.6	86.2	18,429	677	592
Jack Knowlton	RH	58.0	90.6	18,401	664	588
R-Own Farm	RH	85.7	82.1	17,834	630	582
Karl Torrey	R&GH	104.0	86.9	17,708	649	581
JJ Farms	RH	34.0	86.8	17,528	595	578
Robert Francis	RH	36.1	86.8	18,393	718	566

Lactation Report

Guy Dunn						
Delight	H	10-8	305	22,165	796	1050
Carrie	H	6-5	305	25,147	792	947
Ivan Kibbe Jr						
Pompom	H	8-1	305	23,298	808	885
Canary	H	7-10	305	23,502	778	1125
Brooke	H	7-11	305	24,104	828	1112
Boo-Boo	H	7-1	305	23,878	767	890
Monday	H	6-10	305	24,198	800	1005
Barri	H	5-10	305	23,172	737	975
Madge	H	6-1	305	25,547	787	998
Blackie	H	5-8	305	24,764	797	1013
Matila	H	4-5	305	24,889	794	983
Ron & Candy Cooney						
R-Jay	H	8-11	295	23,023	720	973
Ivan Smoker & Sons						
Princess	H	7-7	305	28,082	913	1078
Shine	H	6-5	305	24,606	855	855
Miss	H	6-7	305	23,089	763	876
Spritz	H	5-7	305	22,438	703	948
Jenifer	H	4-6	305	24,394	798	1034
C-Lena	H	4-8	305	24,233	865	954
Faith	H	3-6	305	22,312	762	945
Lindsey	H	3-3	305	22,540	721	871
Carl Erway Farm						
#66	H	3-3	305	24,146	818	1027
Donald Thompson						
Gladys	H	5-3	305	30,622	931	1121
Tibbie	H	3-2	302	27,120	826	994
Flame	H	3-0	305	20,923	727	851
Karl Torrey						
Pamela	H	4-0	305	23,482	768	871
Dan and Leon Tice						
Duchess	H	7-8	305	23,415	703	888
Alberta	H	3-2	305	25,502	789	989
Alvin Miller						
#83	H	4-3	305	25,050	748	917

JOHN DEERE

RMIT K. LER INC. nport, PA 298-2011

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TOBIAS EQUIPMENT CO., INC. Halifax, PA 717-362-3132

BROS. INC. aster, PA 291-1046

LOST CREEK IMPLEMENT Oakland Mills, PA 717-463-2161

PIKEVILLE EQUIPMENT INC. Oley, PA 215-987-6277

SMITH'S IMPLEMENTS, INC Mercersburg, PA 717-328-2244

WALTEMYER'S SALES & SERVICE Red Lion, PA 717-244-4168

IGH AG IPMENT sville, PA 398-2553

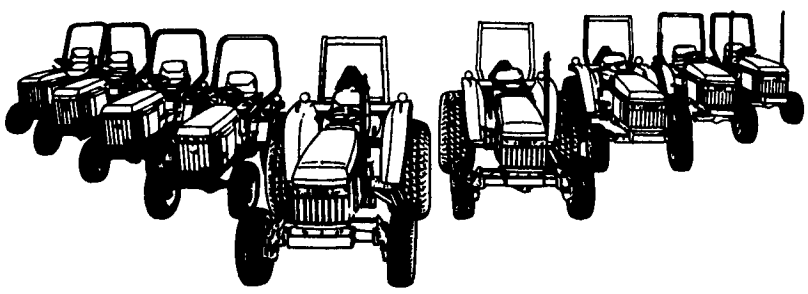
MAKAREVICH BROS., INC. Hackettstown, NJ 201-852-4488

POLE TAVERN EQ. SALES CORP. Elmer, NJ 609-728-2703

SOLLENBERGER EQUIPMENT Everett, PA 814-652-5223

M.S. YEARSLEY & SONS West Chester, PA 215-696-2990

More Choices, More Features



Your Tractor Headquarters

- ▲ Choose from 9 tractors under 40 hp with synchromesh, collar shift or hydrostatic transmissions
- ▲ Simple hookup lets you attach a variety of implements to the powerful PTO and go
- ▲ Open, roomy platform for easy operation
- ▲ New fuel-efficient "TN" series engine
- ▲ Series hydraulics allow multiple functions

Nothing Runs Like a Deere

Nothing Runs Like a Deere®

SAFETY

ROPE IN SOME EXTRA CASH!

Advertise With A Lancaster Farming CLASSIFIED AD...

Phone: 717-394-3047 or 717-626-1164

MAILBOX MARKET FOR SALE

Wholesale Christmas trees Scotch Pine $10 50 balled Fulton Co 717-485-4179

Delco 32 volt 1000 watt self starting light plant (2½ HP assco hit & miss on cart 6 HP Economy on orig. cart w/saw rig, 5 HP Hercules hit and miss engine Ervin M Horst, 1267 Springville Rd , East Earl, Pa 17519

Deer rifle Marlin 35 lever action w/Weaver scope, sling & ammunition, $185 Lanc Co 717-354-2583

Tripod for Jamesway VII silo unloader 20' $50, JD 7000 4RW corn planter $4300 Cambria Co 814-472-8068

Galion grader 450 Int engine Case 331 Ind loader 3 pt hitch Lycoming Co 717-769-6366

Angora rabbits $20, $30 for breeding pairs, male Chinchilla $85, chickens & pekin ducks $2 ea Chester Co 215-458-8458.

Model 224 Silo-matic 16' silo unloader for parts $150, also oats straw good color no weeds Somerset Co 814-634-0682

Pony meadowbrook cart-small to medium pony-excel cond , $800, also woodburning insert stove-ex cond , $75 Chester Co 215-344-5255

7000 bu. grain storage bin $2800, grain auger 6"x62' PTO drive $700, 1971 Chevy C-60 dump $5800 Adams Co. 717-359-4796

11 yr. old Morgan standardbred cross driving horse neads road Elam H Beiler, N Bonsall School Rd., Coatesville, Pa 19320

A square tub Maytag wringer washer w/pump in good cond , no transmition leaks reasonable price Northern Chester Co 215-495-6044

4 bee hives loaded well smoker all for best offer Harold Wenger, RD #1 Box 167, Port Trevorton, Pa 17864

2 tires 28x26 10 ply 4 (10) hole rims & 23x26 tires 8 ply (4) 8 hole rims w/18-4-26 tires 301-658-2624

2 tip-toe wheels for Oliver 70, 2-40" round spoke wheels for Farmall F-12 Bucks Co. 215-822-9501

Tappan gas stove for cooking in good cond , color brown $50 Samuel King, 1685 Robert Fulton Hwy , Quarryville, Pa 17566

JD H tractor, 1946 elect start, restored, 1 cyl Maytag gasoline engine excel cond Blair Co 814-742-8431

Farmall cub tractor w/plow, cult , & sickle bar mower, can deliver $1750 Tioga Co 717-659-5780 after 4 p m

Air filter cleaning equip , good part time or retirement income, complete package traing included $1995 717-933-5113

Elevator, Little Giant M-21 w/motor, JD 4 row planter, Model 1240 Oliver single row, Model 5 picker husker, Truck 1956 Intl pickup, Series S-120, restored Montg Co 301-349 2516

6 cyl Hobart welder generator runs good 100 leads $750 firm Sch Co 717-345-8367

New repro F12 hood gas tank $65, new brake covers $18 ea , 10 twin Maytag engines, can ship, ½ thread spark plugs Ben J Kinsinger, RR 1 Box 234A, Meyersdale, Pa 15552

Good milking goat also Oliver 1750 tractor on steel w/471 Detroit diesel good running cond , $3,000 Daniel M Beiler, 624 Willow Rd , Lancaster, Pa 17601

David Brown 990 12 spd parts tractor runs $1,700, also IH 3200A skid loader $1,950 Union Co 717-524-5895

Indian peafowl (peacocks) few '89 pied, white, dark pied, '90 hatch blue, white, pied Richard Burger, Newark, DE 302-994-0508

MF #72 combine 2RW cornhead, 10' grain, field ready $1250, JD 4-14" 3 pt. plow, $350. York Co. 717-235-6733.

White 2-55 diesel utility tractor, 1983, wide front, 3 pt hitch, LPTO, dual hyd outlets, excel 2600 one owner hrs , new rear tires, $5750, will deliver. Greene, N Y. 607-656-4568.

Antique roll top desk needs work $200, western saddle $75, milk cans 10 gal size $25 ea 914-457-3946

Hay for sale at farm, alfalfa plus mixed timothy-alfalfa & orchard grass, call for details Chester Co 717-529-2384

Meyers heavy duty manure spreader model 225 only used 3 mths Warren Co 201-453-2876 eves

JD LI tractor SN-IL55842 no grill, sheet metal rough $800. Franklin Co 717-263-8348

1978 12'x48' Poloron mobile home, 1 bdrm., elec heat, many extras included, great starter home or cabin, must be moved Mifflin Co 717-543-5999

7' 2 auger snow jet blower 3 pt excel cond , piano rolls from 1920 best offer Berks Co 717-933-4552

1972 Artic Cat 440 snowmobile, 300 savage w/ scope, $500 ea Lester Hess, Leb. Co 717-273-6018

Turret lathe w/34 collets $150, halfbreed gas engine $400, 20 HP Titusville gas engine. Bucks Co 215-249-0129

1938 JD-B unstyled good cond , $900, 2 10-22-5 truck tires $40 ea. Cumb. Co N J. 609-455-2368 12-1 p m after 5 p.m.

Cast iron radiators, 2500 bu Butler grain bin, wanted used metal detector Fred. Co 301-775-0159

Farmall H tractor many rebuilt parts $300 Lanc Co 717-548-2006 call before 8 a m

Snowmobiles: 1981 Artic Cat El Tigre 6000 & JD 440 Liquifire, both very good cond., 1st $1500 takes them. Leb Co 717-274-5146

App. yearling filly by grand dandy- tall, attractive, well-balanced chestnut, longes quietly, super nice, $1800 Balt Co 301-592-5564

Biro meat bandsaw model #22 good cond , NH model #790 manure spreader w/ endgate. North'd Co 717-286-1260

Farmall Cub tractor w/ snow-plow, & chains good cond., $1850. Col Co 717-784-1779

Parts for Farmall H tractor $300 for all or will sell separately delivery possible Lehigh Co 215-767-9492.

Buick engine, 1928? 6-cyl Ser #226568 was used for sawing, ran good complete w/clutch, radiator $175 Berks Co 215-678-4394.

1950 green Chevy truck good cond , runs well asking $2700, feeder steer around 400 lbs asking 80¢ a lb. Berks Co. 215-488-6907.

Golf cart, gasoline powered Yamaha, new wheels & tires, good cond., good transportation on any terrain, $400 OBO Berks Co. 215-777-6664.

1967 4x4 jeep ½ ton pickup truck 3000 series 327 motor heavy duty springs mechanically good, good rubber Berks Co 215-582-3403.

NH 495 haybine for parts, AC G-diesel combine good engind, IH 784-D tractor, MF 260 chopper parts. 703-363-5383

Used gutter crates w/6 square bars in good cond., $10 per grate Berks Co 215-678-7629

Alfalfa 1st, 2nd, 3rd, cutting $60 to $90 per ton, Ford 4 btm plow $400 semi-mount. Lehigh Co 215-799-3082 eves.

22 ga. Pittsburgh machine $800, 2' Di-Acro box & pan brake $550, abrasive cut-off saw, $350. York Co 717-792-9282

30 Gal. hot water tank or range boiler like new $80. 30 gal. propane gas water heater $30. Lanc. Co. 717-656-6109.

MAILBOX MARKET WANTED

Rear wheels steel for 620 JD tractor approx. 13"x58" open center preferred Lanc. Co. 215-445-4972.

Sheppard dsl. 2 cyl block or motor or complete SD2 tractor Franklin Co 717-597-7093.

Delaval milk separators advertising items (tin cows, signs, boxes, tip trays, match holders) Write Merkey, 645 N. 11th Ave., Lebanon, PA 17042

Sputnik. Reply to Christian P. Lapp, 99 Peebles Rd., Newburg, PA 17240

Kuts-all & trims lawn mower, need not work. Dauphin Co. 717-652-0209

JD 3020 in good cond. or similar tractor Mercer Co , NJ 609-737-0334

Root rake for Cat D8 Model 13A. Cape May Co , NJ 609-861-2309.

Mennonite young boys 1 seated carriage good cond Lanc. Co. 717-626-7233

Sputnik working cond. Also pickup carriage good cond. Ben E. Beiler, 1033 Kirkwood Pk., Quarryville, PA 17566.

Lancaster Co. will board up to 7 horses. Hay & bedding provided. No riding permitted. 717-397-4412 after 6PM.

Potato harvester 1R. Also greenhouse plug seeder Yorkie & Poodle pups & older breeders Tristate area. 914-355-7318

Stationary roller mill 3-5 h p. P G. Kauffman, R1 Box 838, Brogue, PA 17309

Artsway TMW mixer, 850 or 800B for parts. Clinton Co. 717-725-3157.

Dairy farm for rent for spring of 1991. 717-733-3812.

12" wide bucket for Ford 535 backhoe. Call Tom-717-469-0448 - leave message

Corn sheller made by Messinger Mfg. Co. Also other corn shellers. Call collect 313-725-2246.

PUBLIC AUCTION

VALUABLE REAL ESTATE

22.975 ACRE FARM

SAT., DEC. 8, 1990

1 P.M.

Location: From Quarryville, Pa. Take Rt. 472 South Approx. 9 Miles or From Oxford, Take Rt. 472 North Approx. 6 Miles, Turn West on Spruce Grove Rd. to first Farm on left. Near Octoara Lake, Colerain Twp.

This 2½ Story, 5 Bedrooms, Farm Home w/Stucco over stone structure, consists of a Custom Kountry Kraft Eat In Kitchen w/a Stone Fire Place w/32" Fisher Insert, Dining Room w/oak flooring, living room, family room, summer kitchen, laundry room, 1½ baths, 2 stairways, 2 additional fire places, covered; new storm windows upstairs; full attic & basement; Gas hot water heat; front & side porches; new roof; well water; nice lawn & shrubbery. Fruit orchard, nursery stocked w/thousands of trees; auto. irrigation, 2 ponds.

The Barn is a 2 Story Frame Structure w/ Stanchions. A 2 Story Cinder Block Horse Barn w/possibility of 4 to 6 Box Stalls. A 2 Car detached Frame Garage. Additional Land possible from Neighbor Owner.

AUCT. NOTE: Must see to appreciate. Beautiful Country Setting. Idea for Horse Farm. Property offers a lot of potential. Inspection Sat., Nov. 24, and Dec. 1st. from 1 to 4 P.M. 10% Down day of Auction balance upon settlement.

Terms By:

VINCENT IMPRIANO AND MARK PAVLETICH

717-529-3220

Auction Conducted By:
Lloyd Kreider, AU000513L,
717-786-3394,
Randal Kline, Roy Good
Atty: Skip Miller

KREIDER & KLINE AUCTIONEERS

Public Auction

LIVESTOCK - MACHINERY
SOME HOUSEHOLD

FRI., DECEMBER 7, AT 9:00 A.M.

LOCATED IN CENTRE COUNTY, 1/2 MILE SOUTH OF REBERSBURG, PA., 1ST FARM EAST OF SMULLTON.

3 MULES

2 sorrels and 1 black mule, hitch good, harness for 6 head, collars and harness parts.

DAIRY CATTLE AND EQUIPMENT

14 Holstein milk cows, 4 recently fresh, 5 due Dec. and Jan., balance in various stages, good condition and milking good. 4 bred heifers due Dec. thru March, 8 heifers from 6 mos. old to breeding age.
T.B. AND BANGS TESTED - PREGNANCY CHECKED
3 DeLaval milker units, double s.s. tubs, 2 s.s. strainers, 11 milk cans, etc.

FARM MACHINERY

I.H.-W-9 tractor on steel, Delinger silo filler, endless belt, 2 fore carts, White Horse 2 way hyd. plow, walking plow, cultipacker, land roller, 9 ft. harrow, 8 ft. disk, Oliver 13 disk grain drill, I.H. corn planter, transplanter, 2 I.H. cultivators, N.I. manure spreader on steel, J.D. model R spreader, N.I. no. 7 corn picker, J.D. 14-T baler w/engine, Farmec 30 ft. elevator, N.I. 4 bar rake, N.I. mower equipped for engine, N.I. hay conitioner, Wisconsin 2 cyl. engine, Walsh 200 gals. field sprayer, I.H. corn binder w/loader, B. & S. 8 h.p. engine, I.H. binder for parts, corn husker-shredder, 2 steel wheel wagons w/flat beds, spring wagon, 12 in. hammermill, J.D. corn sheller, I.H. one hole sheller, cement mixer, Homelite water pump, 2 chain saws, Mitsubishi 3-1/2 h.p. engine, 1 ton hoist on portable track, portable welder, acetylene torch, drill press, metal cutting band saw, grinder, misc. shop tools, assorted bolts, hand mitre saw, wooden wheelbarrow, small cooling compressor, chicken crates, etc.

FURNITURE AND GUNS

Savage 340-D-222 rifle w/scope, Stevens 77-D-20 ga. pump gun, 16 ga. bolt action, 22 rifle, gun cleaner, game collers, Fisher wood stove, Duo Therm oil heater, gas double bake oven, Singer S.M., 3 pc. oak B.R. suite w/high bed, 3 crib beds, square china closet, grained cupboard w/glass doors, kitchen cabinet w/flour bin, child's roll top desk, some butchering items, drawer fruit dryer, crock, jars, egg market crate and baskets, set of 6 wooden knives and forks, some misc. dishes.

Terms - CASH

Mark Glick - Auctioneer
: '1-349-L

MRS. MELVIN (LIZZIE) ZOOK
Star Route,
Rebersburg, Pa.

Amish Lunch

2-DAY 2-DAY

PUBLIC AUCTION

OF VALUABLE ANTIQUES-DOLLS- COLLECTIBLES & PERSONAL PROPERTY

ON FRIDAY, NOV. 30, 1990
AT 1:00 P.M.
& SAT. DEC. 1, 1990
At 9:00 A.M.
At Springetts Fire Co. Social Hall,
3013 East Market Street, York, Pa.

Antique Furniture- General Antiques- Collectibles- 500 Plus Dolls Consisting Of German- Composition- Pin Cushion- Rubber- Vinyl- Large Medium & Small Dolls- New Dolls Many Ideal For Christmas- Also Lots Of Doll Clothing- Doll Books & Related Items- Dishes- Glassware- Good Collectibles- And Many Boxes Not Yet Unpacked. Preview Showing Thurs. Evening, Nov. 29, 7 P.M. & 8:30 P.M. & 1 Hour Prior To Auction Time.
Note: Auction Schedule- Friday- Gen. Antiques- Collectibles & Furniture. Saturday- 9:00 A.M. Dolls & Doll Related Items.
Not Responsible For Accidents On Day Of Auction.
Terms- Cash Certified Or Traveler's Checks. No Out Of State Checks Unless You Are A Regular & Approved Customer.

Auction Conducted By
Gilbert & Gilbert, Auctioneers
R.D.#1, Wrightsville, Pa.
Phone 717-252-3591

Brian L. Gilbert #2256
Jacob A. Gilbert #336
Auctioneers

GREENBRIER ESTATES LAND AUCTION

Sat., December 1, 1990
12:00 Noon

Located in Perry Co., 30 miles N.W. of Harrisburg; Take Route 850 west from Shermans Dale toward Landisburg, Pa.; approx. 2 miles west of Drumgold's Corner, turn on Mill Rd., take left at 'Y', stay on hard road to Paige Hill Rd., go straight on Greenbrier Rd. to property. Watch for Auction Signs.

Selling 21 Different Parcels from 1 Acre to 148 Acres (All with Approved Septic Permits)

9 Parcels Sell Absolute with No Reserve (From 1.22 to 25.93 Acres)

"These Properties have Frontage on Greenbrier or Tapeworm Rds."
This is **Prime Hunting Territory** or **Great for the Summer Home** - All utilities available- Could also be used for **Full-Time Residence Building.**

"Don't Forget - 9 Parcels sell absolute with No Reserve - Your Opportunity to Buy at YOUR OWN PRICE!"

Terms: $4000 down in Certified or Cashier's Check made payable to Kling's Auctions, Inc.; Balance in 30 Days.
Inspection Dates: Saturday, November 17 & November 24 from 12:00 Noon to 3:00 P.M.

Owner:
MARK DiSANTO
Harrisburg, PA
717 657-5729 (Office)

Sale Managed By:
KLING'S AUCTIONS, INC.
Landisburg, PA Lic. #500
717 789-3883 (Office)

AUCTION SERVICE KLING'S

PUBLIC AUCTION

REAL ESTATE
2 Parcels Of Land
STONE HOUSE W/5 ACRES OF WOODLAND, 38 ACRES OF MOUNTAIN LAND W/50 FT. ACCESS ROAD

SATURDAY, DEC. 8, 1990
11:00 A.M.

LOCATED: 435 Buck Road, Dover, PA. Between Lewisberry Road and Bull Road, York County, PA.

PARCEL #1: 16 Year Old Stone High Rancher on 5 Acres of Woodland, Built of Native Fieldstone w/2 Fireplaces. Main Floor Consists of Living Room w/ Fireplace, Dining Room, Kitchen, 3 Bedrooms and 2 Baths. Pegged Dark English Oak Flooring. Basement Level has Flagstone Floor Throughout. Family Room, Bedroom, Unfinished Kitchen, Bathroom and Utility Room Also in Basement. Pella Windows on Both Floors. Oil Baseboard Hot Water Heat, Well Water and Standard Septic System. 2 Car Attached Garage.

PARCEL #2: 38 Acres of Mountain Land w/50 Ft. Access Road. Heavy Timber. Level Areas in Terrace Fashion and Separated w/Stone Fence.

NOTE: Both parcels are zoned conservation in Conewago Township, Northeastern School District. Approximately 10 miles from Center City, York, Pa.

SHOWN BY APPOINTMENT PHONE 764-6412.

TERMS: 10% DOWN, BALANCE IN 60 DAYS.

AUCTIONEER AND AGENT FOR SELLER:
Blaine & Nevin Rentzel
Emigsville, PA
764-6412
PA Lic. #761 - #2483

PUBLIC SALE

OF 17 ACRE FARM, REAL ESTATE,
FARM EQUIPMENT
Reamstown - Hahnstown

SAT., DECEMBER 1, 1990
At 12 Noon Real Estate At 2 P.M.

Located at 1096 Pieffer Hill Rd., Brecknock Township, Lancaster Co., PA. (Directions: Rt. 272 to Reamstown, turn east onto E. Church, approx. 2 mi., turn left onto Red Run Road, turn left onto Pieffer Hill Road.)

17 ACRES M/L FARM

2½ STORY FRAME DWELLING 6 BEDROOMS, 40'x75' FRAME BANK BARN, 2-2 STORY BROILER HOUSES w/ automatic feeder, water & ventilation, (Broiler contract available to new owner), 16'x40' HOG FINISHING HOUSE. 20'x30' 2 STORY, 2 CAR GARAGE W/WORKSHOP.

12 Crate Farmer Boy Farrowing Unit, Nursery and Grower Facility.

Corn crib, 12 tillable land, NEW SEWER SYSTEM, 50 K.W. GAS FIRED AUTOMATIC STAND BY GENERATOR, 122 HP.

Road frontage 614' fronting on Pieffer Hill Road, 745' fronting on East Pieffer Hill Road! IDEAL HORSE FARM.

Open House: Sat., Nov. 24 from 1 p.m. to 3 p.m. or for information or inspection call 215-267-2783.

FARM EQUIPMENT

50 HP DEUTZ FARM TRACTOR Model 5005, Diesel, Steel or Rubber; Baler #65; Rake, Tedder; #477 Haybine; Cultipacker; 2 Bottom (Roll Over) Plow; Corn Planter; Corn Sheller; 1000 Gal. Vacuum Spreader; Liquid Manure Injector; Shop Smith (5 in 1 Power Tools); New & Used Lumber; Storage Shed; Gravity Bin Wagon; 13" Hammer Mill; J.D. Hammer Mill; Vacuum Pump; Smidley Hog Feeder; 8 Tons of Hay; 6 Tons of Straw; Misc. Building Materials.

Terms by:
MARTIN L. FOX
ELLA M. FOX
215-267-2783
Wentz, Weaver & Kling, Atty.

HORST AUCTS. AU438L
T. Glenn
Timothy G. 859-1331 — 738-1245
Thomas A. "VOICES OF EXPERIENCE"

PUBLIC AUCTION

OF REAL ESTATE
Saturday, December 8
@ 11:00 A.M.

Located on Swamp Road, 1 mile north of Morgantown.
Directions: Rt. 23 to Windmill Restaurant, turn North to property.

PROPERTY CONSISTS OF 3 PARCELS

Parcel #1: 12 +/- acres with old stone house and small frame barn. House suitable for restoration.

Parcel #2: 1⅓ +/- acre with 4 room, 1 bath frame bungalow. Great starter home!

Parcel #3: 2½ +/- acre building lot.

TERMS: 10% day of sale; settlement on or before Feb. 1, 1991.

BROKER PARTICIPATION INVITED

Terms By:
Dennis Weaver, POA

Horning Farm Agency, Inc.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183

HFA REALTOR MLS

PUBLIC AUCTION

Of Ms. Kathryn Dech's
ANTIQUES - FURNITURE - AUTO
QUILTS - COVERLET - CHINA
SATURDAY, DECEMBER 1, 1990
AT 9:30 A.M.
MYERSTOWN, LEBANON CO., PA.

Loc: 206 W. Maple Ave., Myerstown, Lebanon Co., Pa. Take Rt. 422 To Rt. 501 South To W. Maple To Auction. Watch For Auction Signs.

Items Consist Of OAK: Side By Side Bookcase/Desk; Stack Bookcase; Double Bed, Clothes Tree; Cottage Wash Stand; Rocker; Side Chairs; Record Cabinet; Plant Stand; Cherry Dropleaf Table; Plank Bottom Side Chairs; Red Dovetailed Blanket Chest; Red Feed Chest; Tapered Leg Farm Table; Blind Door Linen Cupboard; Empire One Drawer Tables; 7 Pc. Maple Bedroom Suite; 5 Pc. Kitchen Set; Lamps; Oriental Style Rug; Whirlpool Washer & Dryer; Like New Gibson Upright Freezers. **AUTO:** 1971 Olds Cutlas 4 Door, AT, PS With 30,000 Original Miles; Red & White. **COVERLET** Made By Wieand, Allentown 1868; Early **QUILTS:** Log Cabin, Diamond, Fan Flag, Plain White & More; Crazy Comforter; Rush Bowl; Baskets; Nice Linens; Oil Lamp; Old Tin Cookie Cutters; Cast Iron Frog Door Stops; Umbrella Stand; Mantel Clock; Sterling Silver Spoons & More; Num. Stang/Terra Rose Tulip Pcs.; Noll, Noritake, Signed Bavarian, German, Roseville, Adams Staffordshire Flow Blue Plate, Cup & Saucer; Roselle France Plate, Cup & Saucers; **LIMOGES FRANCE** China Crystal Stemware; Waters, Wines, Cordials & Sherbits, And Plated Flatware- All Are Service For 12; Asiatic Views; Schuylkill Water Works & Ridgeway China Plates; Persian Bowl; Czech Vase; Bennington Type Pitcher; Ladies Watch; **GOLD** Rings w/Diamonds From Coyle Estate; Hilto Items; Mowers; Garden Tools & More; Auto & Furniture Sell About NOON. Antiques & China Sell Early.

TERMS: Cash Approved Check. Food Available.

Auction By:
MS. KATHRYN DECH
717-569-2079

Atty: Mr. George Christianson, Esq.
Auction Conducted By:
Reist Auctioneers- AU-1657-L
Al & Art Reist, Lanc. Pa.
1-560-9902

Reist Auctioneers

MAILBOX MARKET WANTED

Jersey herd 30-50 cows young family owns own farm, would like cows owner financed, can attach milk check Bedford Co 814-652-2900

6 window sash 25"W 22¾ "H 10x20 glass size but could use smaller size glass 4 or 6 light Lanc Co 717-665-5728

Cultivator for old 2N Ford tractor. Write J Stoffa, 1755 Stoke Park Rd, Bethlehem, PA 18017

Information or parts to combination forge, blower & vise-anvil, Champion blower & forge company Chester Co. 215-326-4640 after 6PM.

$100 up, trade, for NJ crocks, jugs, or other blue decorated stoneware in good cond Old NJ postcards, photos wanted 908-591-9255

Ford 3400 tractor for parts or Ford tractor of 2000-4000 for parts Reasonable. 717-253-6381 eves.

Log forks for first series Michigan 55A loader Bill Fletcher, Rt 227, Trumansburg, NY 14886 1-800-426-7981 weekdays 8-5PM

Farmall Cub, for parts, must run, have hyd, cultivators for Cub. Harford Co. 301-557-8663 after 5 til 9.

Approx 200' of old iron fence 215-257-7562

Home for healthy, quality proven milking goat Gentle, easy kidder, bred to sire development buck for March $125 Lehigh Co 215-965-9744

I collect unknown folk artists work Paintings, carvings, etc Mary Kravetz, 527 Club Dr, Bay Head, NJ 08742 908-295-4062

LARGE YEAR-END AUCTION SALE!!!

SAT., DECEMBER 1 @ 9:30 A.M.

GOODRICH AUCTION YARD

RT 38 & 38B NEWARK VALLEY, NY. (19 MILES WEST OF BINGHAMTON; EXIT 64 OFF NYS RT 17; 7 MILES NORTH OF OWEGO, NY.)

TRACTORS SELL @ NOON!!!
IHC 966 BLACK STRIPE W/CAB; JD 4020D; JD 4020D SIDE CONSOLE; JD 3020 POWER SHIFT; JD 1020D PWR STEERING; FARMALL 656 WFE D. GEAR, 826D NEW TA; CASE 870 REBUILT MOTOR; DB 1210, FORD 5000D 8 SPEED, (3) FARMALL M'S, IHC CUB, OLIVER 440, AC WD, FORD 801 W/ SNOWPLOW, MWR, PLOW, ETC., FORD 600; (3) 8N'S, (2) 9N'S; MF 135; SUPER 90, FARMALL 400&W400, MM 670 WFE STANDARD & 302 EXCELLENT! & G955; FARMALL SUPER C W/LDR, SATOH BEAVER W/WOODS MOWER, (10) LAWN & GARDEN TRACTORS, KUBOTA T1400, WHEELHORSE; TORO; ETC; SQUARE JD WFE; JD 2CYL FENDERS; JD 2CYL 3 POINT.

2 CYLINDERS
JD 830 NICE!; JD R NICE!, 2-JD D'S 1927 & NEWER, 3-JD 70'S, 60 W/LDR, JD 40 TRICYCLE; 430 PWR STEERING, JD A; B (PARTS), H (PARTS), JD AR

SALVAGE TRACTORS
CASE 970 W/CAB (WHITE MODEL), DB 1200, OLIVER 1800, CASE 611; CASE VC, IHC 606; FARMALL 806, 560, NH L-35 SS & 1 BURNT N H, CASE 580 TLB, IHC 300

CONSTRUCTION
DRESSER TD-7 6 WAY EXCELLENT!, IHC 3200A SS, 9TON TRAILER, DOW TANDEM AXLE DUAL WHEEL TRAILER, F-600 FORD DUMP W/SNOWPLOW, CASE 580 TLB (BAD ENGINE), CASE W-26 4WD LOADER; SUPER CHALLENGER 4WD LOADER; TOW MOTOR FORKLIFT, CASE 12' BACKHOE BUCKET, DROTT HYD EXCAVATOR, GMC ASTRO, ETC

FARM MACHINERY
(3) NH & HESSTON ROUND BALERS, (2) JD DISCS, NH 256 RAKE; NI 323 PICKER; JD 14T BALER, JD LIME SOWER, AC FORAGE BOX, KEMPER KUTTER; IHC TRUCK W/(2) MOUNTED KILL BROS GRAVITY BINS, NH 202 GROUND DRIVE SPREADER; 6' ROTARY MOWER, PACKER, OLIVER 5X PLOW, FORD 4X, IHC 3X TRAILER PLOW, HAY & GRAIN ELEVATOR, DUMP RAKE, NI GROUND DRIVE SPREADER, (3) RUNNING GEARS, NICHOLSON TEDDER, DUALS, LIKE NEW NI HORSE DRAWN HAY LOADER, BRILLION HAR ROW; MUCH MORE!

NEW EQUIPMENT: SCOOPS, RAKES, DIGGERS, BOOMS, HAY FORKS, MOWERS, ETC AT YEAR END PRICES!!

STARTING @ 9:30 A.M.
LOAD OF ELECTRICAL ITEMS SAFETY SWITCHES (3 WAY & SINGLE POLE), 3 WIRE DUPLEX RECEPT, (39) 2'X4', 1'X4', 2'X2' LIGHT FIXTURES, 200 PCS OF GREENFIELD, SHOP TOOLS, PRESS; ENGINE ANALYZER, 100 FRONT & REAR TRACTOR TIRES; IMP & TRACTOR PARTS, TRACTOR WEIGHTS, AC 3PT ADAPTER FOR SNAP COUPLER TRACTORS; TRACTOR CHAINS, TOPLINKS, DRAWBARS, DRAWPINS, GRILL GUARDS; HEAD GATE, MF TRACTOR UMBRELLA; MORE!!!

COINS

TERMS: CASH OR GOOD CHECK AUCTION DAY
LUNCH ON GROUNDS
TRUCKING AVAILABLE
2 BOOM TRACTORS, FORKLIFT, LOADING DOCK, LIGHTED YARD, WE'LL GET YOU LOADED AND ON YOUR WAY HOME!!
CONSIGNMENTS ACCEPTED.
SEVERAL EXPERIENCED AUCTIONEERS & RINGMEN
PLAN TO ATTEND, AUCTION HELD REGARDLESS OF WEATHER

SALE BY:

Auction GOODRICH AUCTION SERVICE INC.
607-642-3293

5-10,000 gal stainless tank to hold water. Chester Co. 215-932-0322.

Plow, trailer type, single bottom, 12-14". Col. Co. 717-683-5155

Oak firewood, seasoned or green Split or unsplit polewood, log length oak for firewood Debarked slabwood Lanc Co 717-665-3062

Old cherry wood for furniture 215-777-8671. D. Mehrkam, RD#2 Box 2702, Reading, PA 19605

Small 4WD tractor 15-18HP w/loader & hoe. Pike Co 717-588-6350 eves.

IH model 30 steel cylinder corn sheller working or for parts Washington, PA Call George 412-348-5388 eves

Used propane gas refrigerator. Montg. Co 215-256-1618

Ford tractor to buy needing minor or major repairs, 25-50HP. Lanc Co 717-872-5575

Bulldog stud service Llaso Apso male to buy Lanc Co. 717-627-2499

Weathered barn siding. Lanc Co 717-733-2509 eves, 717-738-1121 day

Used poultry cages, incubators hatchers in good cond. Will pick up 201-236-9544 or 201-236-9425.

MAILBOX MARKET NOTICE

Start farming- For rent 7 acres, tobacco shed large cattle or hog barn, silo, possible housing Lanc. Co 717-786-9070

Free for removal- 14x36 brooder house Lanc Co 717-656-9327

2-way Pequea plow, new in spring, used for 25 acres Jacob E Kauffman, RD#1 Box 227, loganton, PA 17747

Needed- Reg Morgan horse 7-12 yrs old w/a lot of trot Daniel Bixler, RD#2 Box 127, Hummelstown, PA 17036

Free- manure & shavings mixed 609-758-8056

Free Fox Terrier male dog to a good home Lanc Co 215-267-3266

We do custom wood kiln drying 4 quarter to 8 quarter thickness 10¢-15¢ board ft Lanc Co 215-267-3227

Sale Reports

COLEMAN SALE

A Public Auction was held on November 10, 1990 for Alice Coleman at 635 N. 8th St. in the Borough of Selinsgrove.

Real Estate which consisted of 1/2 double 2½ story dwelling situate on a lot 21 ft. wide x 150 ft. in depth w/a 1 car garage sold for $36,000.00 to Terry Bower.

Some other prices received were: Baby quilt w/windmill design $350; 2 door jelly cupboard $325; 2 drawer farm table $1,000; 9 patch quilt $325; triangle quilt $290; windmill quilt $315; Sheraton chest of drawers $290; coo-coo clock marked Germany $45; F&S beer calendar marked Shamokin, Pa $70; F&S Beer tray marked Shamokin, Pa. $32.50.

Auction was conducted by Longacre & Lauver Auctioneering.

Sale Reports

WENGER SALE

A Public Auction of household furnishings, guns, automobile, & other personal property was held for Mr. and Mrs. Glen A. Wagner in the village of Kreamer, Snyder County, on Saturday, October 27, 1990.

Some prices received were: 1968 Barracuda convertible w/a super 225 slant 6 cyl. engine & 3 speed trans. on column w/61,000 original miles $5,100; maple table & 6 chairs $265; set of Walter Hagen golf clubs & bag $120; modern 3 pc. living-room suite $350; Whirlpool auto. washer & elec. dryer $190 & $210 each; cement water fountain lawn ornament $210; 4 pc. modern bedroom suite $520; tan uph. rocker recliner $235; Winchester 44 cal. lever action w/ octagon barrel $525; Ithaca model 37 pump 12 ga. featherweight $205; Winchester model 70 bolt action 308 cal. w/scope $350; Remington 30-06 cal. model 760 w/scope $400; Winchester model 1912 12 ga. pump $375; Winchester model 97 12 ga. pump $360; Remington 35 cal. pump model 141 gamemaster $345; Beretta silver snipe 12 ga. over & under $1,150; Browning 12 ga. semi-auto shotgun made in Belgium $400; Colt 44 lever action w/octagon barrel $520.

Auction was conducted by Longacre & Lauver Auctioneering.

SHAFFER SALE

A Public Auction was held for Anna Troutman and the Estate of Sarah Shaffer on Thursday evening, October 25, 1990, at the Freeburg Fire Company. A row home situate at 907 N. 8th Street, in the Borough of Selinsgrove. Sold for $18,000 to Mr. and Mrs. Elbert James Wolf.

Some other prices received were: Oak bowed side china cabinet $650; droplid desk w/2 door cabinet on top $280; oak veneered washstand $190; modern single bed w/ box spring & mattress $300; 2 boxes of jewelry at $200 & $145 each; Stief type teddy bear w/ jointed arms & legs (rough) $135; 2 doll babys marked Germany $140 & $125 each; sm. bisque type doll $375; Pinocchio doll $200.

Auction was conducted by Longacre & Lauver Auctioneering.

FLOWERS SALE

A Public Auction of farm equipment and related items was held for Elwood C. Flowers at R.D. 2, Mt. Pleasant Mills on October 20, 1990.

Some prices received were: Farmall M tractor w/power steering $1,040; Farmall M tractor w/2 row New Idea #319 mounted corn picker $1,600; IH 766 tractor $3,550; 1977 Chevy C-65 truck w/22 ft. roll back bed $4,500; Allis Chalmers D-17 tractor w/NFE & PS $900; Massey Harris model 81 tractor $465; White transport disk $985; New Idea #10 1 row corn picker $650; JD drag type cut-a-way disk $425; Kory 8 ton running gear $510; IH fast hitch sickle bar mower $315; New Idea 2 row model 324 pull type corn picker $2,900; John Deere 12 ft. cultipacker $535.

Auction was conducted by Longacre & Lauver Auctioneering.

MILLER SALE

A Public Auction of antiques, farm machinery and tools was held on October 13, 1990 for Laura A. Miller at the former Edward Balmer Farm located 5 miles south of Hershey or 4 miles north of Elizabethtown.

Some prices received were: Dutch cupboard $6750, sheet metal weathervane w/2 horses $2950, wind-up toy pig & cart $500, phonograph and morning glory horn $475, 4 boxes of phonograph cylinders $800, Sheraton drop lid desk $875, grained lift lid dry sink $750, sm. wooden loom $160, ABC plate $80, lg. woven basket $170, grained bucket bench w/2 doors on bottom and shelf on top $2600, farm table (rough) $500, single size rope bed $310, old wooden tub type washing machine $170, oak bow side china cabinet (one side glass missing) $210, John Deere H tractor w/cultivators $825, Co-op E-3 tractor (not running) $500, cultivators for Co-op tractor $67.50, JD 12 ft. 3 pt. Model Y disk $400, MF 3x14 3 pt. plows $250, 10 disk grain drill $102.50, Farmall H tractor w/loader $900, Lincoln A.C. 225 amp welder and helmet $165, old fish scaling knife $60, sword $110, (2) Remington Springfield U.S. Model 03-A3 30-06 cal. military guns $220 and $200 each, Remington rolling block 30-40 Krag $175, Remington 30-06 Model 760 Gamemaster with 3x9 Tasco scope $400.

Auction was conducted by Longacre & Lauver Auctioneering.

SNYDER SALE

A Public Auction was held on November 3, 1990 for Mrs. Edwin (Vella M.) Snyder in the village of Verdilla, at R.D. #3, Selinsgrove, Snyder County. Real estate which consisted of a very large 2½ story dwelling, a barn w/ attached grainery and corn crib, and a one-car garage and other minor outbuildings situate on app. 1 acre of land sold for $45,000 to Robert and Patty Gaugler.

Some other prices received were: 3 pc. oak bedroom suite $700, 2 door 2 drawer jelly cupboard $385, (6) decorated plank bottom chairs $265 each, Keystone 10 cent bottle rack from country store $250, old tin Reading phone pay station w/ picture of bell on both sides from country store days $155, A.S. Sechrist & Son galvanized sign in wooden frame $50, wooden butcher tub $80, (2) sm. A.S. Sechrist tin boxes w/ keys $50 each, copper wash boiler $80, tall pedestal glass dish $40, Humpty Dumpty powder tin $47.50, Pepsi-Cola thermometer $35, Shirley Temple creamer $55, sm. table lamp w/ reverse painting of house and windmill $155, Farmers Nat'l Bank bag of sel. $19, postcard of Market St., sel. $22, postcard of high school on Pine St., sel. $21, sm. egg scales $42.50, basket quilt dated 1981 $200, block and dot quilt $375, log cabin quilt $210, double wedding quilt $400, hand crank wooden butter paddle in glass jar $80.

There were 280 plus registered bidders present at the auction. The auction was conducted by Longacre & Lauver Auctioneering.

HOLLYVIEW FARM

COMPLETE MILKING HERD & SPRINGING HEIFER DISPERSAL

Thursday, Dec. 6, 1990

-11:00 A.M. Sharp!

(Bad Weather Date- Friday, Dec. 7)

Located at Carlisle, Pa., on Route 34, 1 mile south of Exit 14 of Route 81, at Leo's Dairy.

150 HEAD OF MATURE HOLSTEINS- 20 SPRINGING HEIFERS- 2 SERVICE-AGE BULLS

(25 Registered Animals- 15 Red/Whites)

4 REGISTERED BROWN SWISS (All 1st-Calves)

3 Fresh - 1 Springing
DHIA Rolling Herd Average-
16,838m 3.50 595f 3.2p

"This is a Free-Stall Milking Parlor Herd with **Lots of Youth, Tremendous Udders, Good Feed & Legs;** Never been pushed for Top Productions. Lots of Animals sell that are 20,000 lb. individuals."

75% Home-Raised- Calfhood Vaccinated- Vacc. for IBR-BVD-PI3 Complex.

Everything is A-I Bred & A-I Mated; Animals are Sired by and bred to Top Bulls from ABS, ABC, Select and Landmark.

55 1st-Calf Heifers milking now; 60 Cows & Heifers sell fresh 60 Days; 35 Dry Cows.

25 Head w/records from 19,000 to 22,000m; 50 Head w/records from 17,000 to 19,000m.

"Don't Miss This Auction For Your Good Young Dairy Replacements- They Will Please You!"

Owner...

HOLLYVIEW FARMS, INC.

Carlisle, Pa.
717 243-7944
DAVID RINKER, Herdsman
717 486-3977

Sale Managed By...
KLING'S AUCTIONS, INC.
R.D.#1, Box 66
Landisburg, Pa. Lic. #500
717 789-3883 (Office)

KLING'S AUCTION SERVICE

SHORT NOTICE

ABSOLUTE BANKRUPTCY AUCTION

ORDERED BY SECURED CREDITOR

THURSDAY EVE., NOV. 29, 1990

AT 6:00 P.M.

PANTRY FRESH GROCERY DELI STORE LOCATED AT UPTOWN SHOPPING PLAZA, 7TH & DIVISION STS., HARRISBURG, PA. fully equipped 25,000 FT. RETAIL MARKET.

EQUIPMENT

24 DOOR HILL REACH IN DISPLAY FREEZER LINE 72' LENGTH, 56' HILL OPEN TOP FREEZER LINE, 3 KELVINATOR 3 DOOR SELF CONTAINED FREEZER DISPLAY UNITS, HOWARD 3 DOOR DISPLAY FREEZER SELF CONTAINED, TIFFANY 2 DOOR DISPLAY COOLER, MCCRAY 6 DOOR 10' DISPLAY FREEZER, POWERS 2 DOOR DISPLAY REFRIGERATOR SELF CONTAINED, 2 SUPER SYSTEM 4 GLASS DOOR OVENS, 2 6' ELECTRIC STEAM TABLES, PINNACLE 6' DELI CASE SELF CONTAINED, COLDIN 4' DELI CASE SELF CONTAINED, UNIVERSAL 2 DOOR DISPLAY REFRIGERATOR SELF CONTAINED, 7 HILL REACH IN CASES, 3 HUSSMAN PRODUCE ISLANDS, 14X15, 16X18, 16X20 WALK IN COOLERS, 3 DOOR S/S PIZZA OVEN, 2 30" PASTRY DISPLAY CASES, 2 4' HAND DIP ICE CREAM FREEZERS, 2 VICTORY S/S 1 DOOR UPRIGHT FREEZERS & 1 REFRIGERATOR, AMF HOT DOG ROLLER, 4 S/S SINKS, 3 S/S WORK TABLES, S/S BUN WARMER, HENRY PENNY GAS FRYER PRESSURE COOKER, REMCOR ICE DISPENSER, 2 6' S/S CORIAN TOP BUTCHER TABLES, 2 BUTCHER BLOCK TOP CUTTING TABLES, BIRO MODEL 3334 MEAT SAW, 22 ALUM. TRAY CARTS ON WHEELS, 6 BAKERY CARTS, 100 ALUM TRAYS, TOLEDO 8425 DIGITAL SCALE, TOLEDO 8423 DIGITAL SCALE W/PRINTER, TOLEDO VALUMATIC II SCALE/PRINTER, BERKEL CUBER/ TENDERIZER, US BERKEL SLICER, US BERKEL SLICER/ STACKER, EXHAUST HOOD ANSUL SYSTEM, MEAT HOOKS & TRACK SYSTEM, 8 TOLEDO SCALES, HANGING SCALES, 3 SHRINK WRAPPERS, 10 WALK IN STORAGE RACKS, WHIRLPOOL 721 ICE MAKER, FULL LINE OF DELI ITEMS, PANS, UTENSILS, INSERTS, CONTAINERS, KNIVES, RACKS, HUNDREDS OF ITEMS!!

SHELVING-FORKLIFT-COMPACTORS CHECK-OUT EQUIPMENT

85 SECTIONS 8' HI 10' LONG 2' WIDE EDSAL WAREHOUSE TYPE SHELVING LIKE NEW, 50 SECTIONS CAST METAL PALLET RACKING 8'X10'X3', 34 SECTIONS STORAGE HEAVY DUTY SHELVING 7'X10'X3', APPROX. 300 SECTIONS GONDOLA SHELVING, GENERAL HYDRAULICS COMPACTOR/BAILER, AEP MODEL 600 COMPACTOR/ BAILER, COMPACTOR ON WHEELS, 36 WINHOLT 4 WHEEL STOCK CARTS W/HIGH SIDE HANDLES, 36 2 & 4 WHEEL STOCK CARTS, 40 SHOPPING CARTS, 2 PALLET JACKS, ALLIS CHALMERS F50-24 SOLID TIRE PROPANE FORKLIFT 40,000 LB CAP, 6 CONVEYOR BELT CHECK-OUT STATIONS, 8 OMRON DIGITAL CASH REGISTERS MODEL RS-14 W/TOLEDO 8431 SCALES, 2 TACC II ELECTRONIC CASH DROP SAFES, 4 TIME CLOCKS, 20 FIRE EXTINGUISHERS, ANTI-THEFT MIRRORS, 2 WHEEL HAND TRUCKS, 4 ALUM DOCK PLATES, 2 ROLLER CONVEYORS, TOSHIBA BD4121 COPIER, DESK, FILE CABINETS, BRANDT ELECTRONIC CASH COUNTER & FOOD STAMP PROCESSOR, OTHER SIGNS, RACKS, ITEMS TOO NUMEROUS TO LIST!

NOTE: THIS IS A 4 HOUR AUCTION, PLEASE COME PREPARED TO BUY COMPLETE PAYMENT IN FULL DAY OF AUCTION, REMOVAL FRI., NOV. 30, 8:00 A.M. *NO OUT OF STATE CHECKS* WITHOUT BANK LETTER OF *GUARANTEE. NO EXCEPTIONS!!* INSPECTION DAY OF AUCTION ONLY AFTER 1:00 P.M.

JEFFREY L. KNOSP, CAI
AU 1710L

AU 1367

KERRY PAE AUCTIONEERS
Harrisburg, PA
(717) 236-3752

CLOVER GRAVEL PRODUCTS/ SYRACUSE SUPPLY CO.

ABSOLUTE EQUIPMENT AUCTION

TUESDAY, DECEMBER 11, 1990

At 11:00 A.M.

Rt. 65 - Pittsford (Rochester), N.Y. 3 Sand Classifiers, 4 Crushers, 2 Screening Plants, Cat Loaders, Excavators, Dozers, Scales.

LOCATION: The Clover Pit is located on Rt. 65, 4 miles S.E. of Thruway exit 46, take Rt. 251 (Lehigh Station Rd.) East and Rt. 65 South or 3.5 miles South of Rt. 252 or 6 miles North of Honeoye Falls, 10 miles S.E. of Rochester.

NOTICE: With the exception of only 3 pieces marked *, there are no minimums or reserves on anything here.

SELLING SAND CLASSIFIERS: 1988 Eagle Mark 5 Autospec 10x32 9 station computerized S/N 12792*; Eagle 8 station mechanical; Telesmith 8 station 8x30; McClanahan 7 door mechanical.

CRUSHERS & SCREENING PLANT: Pioneer portable 20x36 jaw plant w/3 deck screen S/N 151 PRSCE-163*; Telesmith 10x36 jaw; Telesmith Model 13A primary cone crusher; Diamond 22x36 roll crusher; Nordberg Model 150 S/N 347194 w/36x60 belt & 4x8 double deck screen; 1989 Koleman All American screen plant w/ 24x40 belt & Harp 4x6 double deck.

6 SCREENS:

SCALES: 1985 10x60 60 ton electronic low profile Weightronies truck scale.

LOADERS: Cat 988A; Cat 980B; Terex 72-71; 1978 Cat 966C; 1978 Cat 920; Cat 920 S/N 62K444.

DOZERS: 1980 Cat D9H* w/enc. cab & ripper; 1978 Fiat Allis HD21C; 1988 Cat D4H 6 way dozer, 1106 hrs. since new; Cat D3C 6 way dozer, 1295 hrs.; Cat D3B 6 way dozer; Case 450B 6 way dozer.

BACKHOE & HYDRAULIC EXCAVATORS: 1979 Cat 235 S/N 64R1027; 1984 Cat 225 long & long, S/N 51U05489; Koehring 866D; 1987 Cat 416 w/encl. cab, 2 WD.

TRAILERS, TRUCKS, WELDERS & MISC.: 1973 Brockway 10 wheel dump; 1973 Brockway 6 wheel dump; Autocar 10 wheel dump; 1967 Mack 6 wheel dump; 2 Miller welders; Northwest Model 3 crane; New Holland 555 skid steer loader; (12) snow plows 8 & 10'; (2) 671 Detroit engines; storage trailers; water pumps, loader buckets, fuel tanks and much more.

Call for brochure.

TERMS: Cash, certified funds or company check with bank letter. Full payment auction day.

OWNERS PHONE: 716-889-4346 Ask for Leo.

INSPECTION: Monday, Decmeber 10 (8:00 AM- 4:00 PM)

Owners:

CLOVER GRAVEL PRODUCTS, INC. and SYRACUSE SUPPLY CO.

Roy Teitsworth, Inc.
Sales Manager & Auctioneer
6502 Barber Hill Rd.,
Geneseo, N.Y 14454
716-243-1563

Roy Teitsworth, Inc.
PROFESSIONAL AUCTIONEERS
GROVELAND P O GENESEO N Y 14454
TEL 716-243 1563

Public Auction Regist[illegible]

Closing Date Monday 5:00 P.M.
of each week's publication

NOVEMBER

SAT. NOV. 24, Farm Equipment, Tools and HH Goods, located RD 1, Wernersville, PA, John M. Martin, owners, Nevin and Andrew Martin, Aucts.

AUCTION

SAT., DECEMBER 8, 1990

10:00 A.M. - ON PREMISES
THIRD HILL DAIRY - MT. JACKSON, VA.
544 ACRES TO BE OFFERED IN PARCELS

- Dairy Farm - Two story house, barns, stream.
- Approx. 200 acres mountain land (Third Hill).
- Smaller parcels with health permits.
- Individual agricultural parcels.
- For detailed brochure contact auctioneers.

TERMS: A $5,000.00 bidder's deposit by cash or certified check, will be required for each individual tract at the conclusion of auction. Balance due in full within 30 days at closing. Some tracts and parcels may be offered separately then collectively at the discretion of the seller. All tracts are sold in gross and not by the acre and are subject to any rights of way, easements, and covenants of record, if any. Sale or any part thereof subject to the immediate confirmation of the undersigned seller.
All parcels may be offered as an entirety.

Sellers:
Third Hill Dairy Inc.
Auctioneers/Real Estate Brokers:
R.F. "Tip" Pangle, CAI - Va Reg. #38
Mark E. Pangle, CAI - Va. Reg. #37
Certified Virginia Auctioneers
933 S. Main St.
Woodstock, Virginia
(703) 459-2113
CALL OFFICE FOR DETAILED BROCHURE AND PLAT

PUBLIC AUCTION

Selling our farm we, the undersigned, will sell at Public Auction located 2 miles South of Columbiana, Ohio or 8 miles North of Lisbon, Ohio on State Route 164 to Kelly Park Rd. then East 2 miles to Camelot Drive then North ¼ mile to farm on

SAT., DECEMBER 1, 1990
@ 11:00 A.M.

FARM MACHINERY

1977 White 270 Diesel 2080 hrs. dual remotes cat II, 3 pt., 4 suitcase weights 15.5-38 with snap on duals; IH 404 gas NF 3 pt., dual remotes, PTO; IH 3444 Diesel Industrial loader tractor with 15' Michigan snap on backhoe 24" bucket tractor also has 3 pt., sells as unit; John Deere 145 Semi mounted 4-14" plow; Pittsburgh 13' transport disc 20" blades; Lely Gemini tedder & windrower; 30" Cross hay & grain elevator; New Idea 216 double beater PTO spreader; Dunham 8' 3 pt. springtooth; Ford 7 ft. 3 pt. scraper blade; 5' 3 pt. brush hog; JD 494 A 4 row corn planter; JD Van-Brunt 13 hole grain drill with grass seeder; NH 479 haybine 9' with cylinder; 2 Stoltzfus kicker wagons (8 & 10 ton gears); JD 350 bar rake; IH super 100 fencer; 1 lot electric fence posts; 1 lot chicken equipment; nipple hog waterers; farrowing feeders; Surge milker; Marlow pail milker; heat lamps; calf buckets; new frost-free water hydrant; Mercury vapor light; New barrel stove kit and drums; 1 lot clay field tile; bath tub water trough; old utility trailer; 66 baler and knotter parts; 495 corn planter for parts; slide chute for baler; elastrator; ear tagging tool and tags; misc. gates; round bale feeder; 3 pt. bale spear.

FEED & SEED

Approx. 5 ton ear corn; ¾ bu. alfalfa seed; 4 bushel seed oats; 200 lb. 6-24-24 fertilizer; 800 bale 1st cut alfalfa; 30 round bale 1st cut alfalfa/timothy.

BEEF CATTLE

12 Hereford Simmental cross bred cows, 3-8 yrs. old, bred for and vet checked for March calving. 2 March '90 heifers, 6 steers and 1 bull calf born Mar.-Apr., Hereford- Simmental cross. Health papers will be furnished with necessary animals.

WILLIAM BECK, OWNER
JIM BAER AUCTIONEER-REALTY
KEN BAER AUCTIONEER-SALESMAN
GORDON KOEHLER AUCTIONEER-SALESMAN
BILL BAER APPRENTICE

SAT. NOV. 24 - 9AM, Toys, Crafts, Gifts, & Tools. Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., New Holland, Pa. 17557. Diffenbach's Aucts.

SAT. NOV. 24 - 9AM, RE, Antiques, HH Goods, located at 171 Bethany Rd., Ephrata Twp., Lanc. Co., PA, Mrs. Aaron L. Sensenig, owner, T. Glenn Horst and Sons, Aucts.

SAT NOV 24 - 9AM, Personal Property of the Late Rhettie Sheriff, McClure Rd., 2 Pc. corner cupboard etc, Hassinger and Courtney, Aucts.

SAT. NOV. 24 - 9AM, Industrial Equipment, Farm Machinery, located take Rt 116 7 mi. W. of Gettysburg, PA thru Fairfield]en turn onto McKinley Dr 1/10 mi to sale in Adams Co., PA, Robert E. Sanders, owner, Clair R. Slaybaugh, Auct.

SAT. NOV. 24 - 9AM, Trucks, Building Materials, Grader, Woodworking Equip. & Hardware, located 1 N. of Manchester, PA, Rentzel's Auctioneer Service, Aucts.

SAT. NOV. 24 - 9AM, Estate from Centreville, DE, located 213, Galena, MD, Harry Rudnick & Sons, Inc., Aucts.

SAT NOV. 24 - 9 30AM, RE 12.30PM, Real Estate, HH Goods, Tools, Antiques, located in Lancaster Co, PA 2 mi W of Honey Brook in the Village of Cambridge, Rachel Petersheim Estate, Steve and Steve Jr Petersheim, Aucts

SAT NOV. 24 - 9:30AM, Farm Equip., Heifers, Trucks, Tools, located from Reinholds take Rt. 897 N. approx. 2½ mi. to Peartown Rd., turn right, proceed 2½ mi. to sale on left, John M. and Verna E. Martin, owners, Nevin Z. Martin and Andrew M. Martin, Aucts

SAT. NOV. 24 - 10AM, Garage Tools, Motorcycles & Car Parts, located in center of Sergeantsville, NJ from Rt. 12 circle at west end of Flemington, NJ head S. on Rt. 523 to Sergeantsville, turn left at light, Newcombs Garage and Welding Shop, owners, Arthur Hanna, Auct

SAT. NOV. 24 - 11:00AM, RE, Tools, Equip, located from Honey Brook W on Rt. 322, left on Churchtown Rd to Wertz Rd, right on Elwood Dr, Salisbury Twp, Lanc. Co, PA, Samuel S and Nancy Mae Zook, owners, Horning Farm Agency, Aucts

SAT NOV 24 - 12Noon, Farm Equipment, Vehicles, at the Cliffor Miller Farm, 1 mi N of Salix just off Rt 160, Mishler & Claycomb, Aucts

SAT. NOV. 24 - 9:30AM, Trucks, Construction Equip., Building Supplies, Woodworking Tools, etc, located Rentzel's Auction Barn, 1 mi. N of Manchester, PA off Rt. 181N, York Co., Blaine and Neven Rentzel, Aucts.

SAT. NOV 24 - 10AM, Combine, Tractors, Trucks, Equipment, located Denton, MD from Rt 404, Denton By-Pass turn onto the Gay St Entrance, go to Hobbs Rd turn right onto Hobbs Rd and the auction on right, John Hubbard-Wrights Building Supplies, owner, A Curtis Andrew Auction, Inc, Aucts

SAT NOV 24 - 10AM, Antiques, HH Goods, Farm Machinery, Vehicles, Tools, RE, located just off of the Queneshaque Rd, along Rt 220 between Williamsport and Jersey Shore at the F & S Saw Mill, Robert Baker, owner, Kenneth D Young and Scott A Young, Aucts.

SAT. NOV. 24 - 10AM, Val. Real Estate- Beautiful Rancher, Personal Property, 1983 Ford Van. 268 Old Leacock Rd., Gordonville, PA. Dir.: Approx. 7 mi. E of Lanc. on Rt 30 in Paradise at Meridian Bank, turn left on Old Leacock Rd. Sale on left. Sale for- Aaron G & Malinda S Fisher Miller & Siegrist Aucts.

SAT NOV 24 - 12Noon, Valuable Real Estate, located at 1717 Rayville Rd, Parkton, Balt Co, MD, Estate of Russell T Hedrick, Nevin E Tasto, Auct

SAT NOV 24 - 1PM, 2½ Story Dwelling, located along Water St, in Village of Goodville in E Earl Twp, Lanc Co, PA, LeRoy S Horst and Paul W Horst, Aucts

SAT NOV 24 - 1PM, Somerset County Dairy Farm and Grain Drying Facility, located in Somerset Co, PA, between Reels Corners and Roxbury on Rt 160 near the town of Shanksville, Glassner Farms, owners, Luce Auctioneers

SAT NOV 24 - 1PM, Farm Machinery, 8 Tractors, Truck, Car, on farm 4 mi E of Turbotville, PA, Estate of the late Harold L Moser, Fraley Auctioneers

TUES NOV 27 - Andersen Windows, Industrial Roofing, Doors, Molding, etc, located 1825 E Boston Ave, Phila, PA, Wm F Comly & Son, Aucts

WED NOV 28 - 3 30PM, Antiques, HH Goods & Tools, at the Brickerville Fire Hall, located just off Rt 322, approx 8 mi W of Ephrata, Brickerville, Lanc Co, PA, Mary E Getz, owner, T Glenn Horst and Sons, Aucts

WED NOV 28 - 5PM Held at Dunn's Auction House, Rt 472, Kirkwood, Pa 1983 Lincoln Continental, Household Furniture, Antiques, Work Uniforms, Tools, Welding Supplies Sale For Moudy Industrial & Welding Supply Co Aucts -Whyte's Enterprise Auction Service

FRI NOV 30 - 1PM, Antiques, Dolls, Collectibles & Personal Property, at Springetts Fire Co Social Hall, 3013 E Market St, York, PA, Gilbert & Gilbert, Aucts

December

SAT DEC 1, Farm Tractor and Machine Consignment Auction, Rt 38 & 38B, Newark Valley, NY, Goodrich Auction Service

SAT DEC 1 - 8 30AM, Farm Equip, 1984 Ford Tempo GL, 4 Dr. 1981 Ford Fairmont, etc, located along Focht Lane, Windsor Twp, Berks Co, PA, Curtis Schappell Estate, Kenneth P Leiby, Auct

SAT DEC 1 - 9AM, RE & Personal Property located at 127 Pequea Ave, Honey Brook, Chester Co, Mary Elizabeth Bowman, owner, Horning Farm Agency

SAT DEC 1 - 9AM, HH Goods, Furniture, Tools, located at 207 Swathmore Dr, Lititz, PA, Richard A Melzer, owner, Ebersole and Shoop, Aucts

SAT DEC 1 - 9 30AM, Antiques, Furniture, Auto, Quilts, Coverlet, China, located 206 W Maple Ave, Myerstown, Leb Co, PA, Ms Kathryn Deck, owner, Reist Auctioneers, Aucts

SAT DEC 1 - 10AM, Public Auction of Antiques, located at 808 Pine Hill Rd, Lititz, PA, Estate of Daniel N Hoover, Horning Farm Agency, Aucts

SAT DEC 1 - 10AM, Tractor and Farm Machinery Auction, located in our yard on the corners of Rt. 38 & 38B, Newark Valley, NY, Goodrich Auction Service, Inc, Aucts

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A Date & Auction To Remember

SAT., DEC. 29, 1990

9:00 A.M.
For J. Richard Myer & Family
OUSTANDING LINE OF FARM MACHINERY
to be sold to the highest bidder

Directions from Lancaster, PA: Take Rt. 283 West to Manheim-Mt. Joy Exit, from Exit go West on Rt. 772 approx. 1.3 miles to Milton Grove Rd. and continue on Milton Grove Rd. to Mt. Pleasant Church Rd. and turn left to auction site.

Terms: Cash or Approved Check.
Food Available.

Auction Conducted By The
J. OMAR LANDIS AUCT. SERVICE
Jay M. Witman AU001127-L
Robert & Apple Sts., Ephrata, PA 17522
717-738-7900, 665-5735
For Complete List Contact Auction for Brochure #51.
Complete Listing in Upcoming Issue

AUCTION SALE

ANDERSEN WINDOWS, INDUSTRIAL ROOFING, DOORS, MOLDING, CABINETS, MACHINERY, CARPET, BATH FIXTURES, MARBLE TILE

TUESDAY, NOVEMBER 27 - 10 A.M.
ON PREMISES
1825 E. BOSTON AVE., PHILA. PA.

SALE FOR ACCOUNT OF UNDERWRITERS AND OTHER ACCOUNTS COMPRISING IN PART:

ANDERSEN WINDOWS, DOORS, ROOFING, MOLDING
260 NEW ANDERSEN WINDOW UNITS IN A FULL ASSORTMENT OF SIZES, 425 ROLLS INDUSTRIAL ROOFING PAPER, 40 Sq Alum. Siding, 60 Pre-hung Insulated Steel Doors 2 Lite to 12 Lite, Dimensional Lumber, 150 Steel Door Blanks, Wood Interior & Exterior Doors, Folding & Bifold Doors, Mirror Sliding Doors, Cafe Doors, Patio Doors & Steel Frames, Vinyl Shutters, Alum. Window & Door Awnings, Wrought Iron Railing & Posts, Folding Attic Stairs, Finish Common & Drywall Nails, Quantity of Pine Moldings, Clamshell & Colonial Base, Lattice, Jamb, 20 Stairway Units.

MARBLE TILE, PAINT, CABINETS, CARPET
6,100 S.F. 3/8" x 12" x 12" IMPORTED MARBLE TILE IN AN ASSORTMENT OF STYLES Wood Floor Tile, Ceramic Wall & Floor Tile, 1,000 Gal. Asst. Paints - White & Colors, Enamels, Industrial Maintenance, Gloss, Safety, House & Trim, Wood Kitchen Cabinets- Wall, Base, Oven, Utility, Sink & Utensil, SS Sinks, Range Hoods, Gas Cook Tops, 3,000 Yds., Broadloom Carpet, Various Patterns & Colors 12' & 15' Widths to 60' Lengths.

LATHES, SAWS, DRILL PRESSES, MILLING MACHINE
3 South Bend Model CL870ZD Precision Lathes w/3½' Beds, Bridgeport Milling Machine, Dewalt Table Saws, Logan Model 1875 Screw Cutting Lathe, Rockwell Drill Presses, Jointers, Buffers, Disc Sanders, Tont Dust Collector

BATH FIXTURES, MEDICINE CABINETS, LAMPS
Bathtubs, Whirlpools, 1 & 2 Pc. Toilets, Pedestal Sinks, Vanities, Vanity Tops, Medicine Cabinets, Mirrors, Glass Tub Enclosures, Bidets, Lavatories, Stall Showers, Tub & Shower Modules, Toilet Seats, Light Bars, Soap & Paper Holders, Toothbrush & Tumbler Holders, 3 Way Table Lamps, Outside Lanterns, Ceiling & Wall Mount Fixtures, Hanging Lamps, Recessed Lighting Fluorescent Lights, Domes & Chimneys

INSPECTION: MONDAY, NOVEMBER 26- 9 A.M. to 4 P.M.
TERMS: CASH OR CERTIFIED CHECK - 25% DEPOSIT REQ.

PA. AUCTIONEERS LICENSE NO. AU000175

ESTABLISHED IN 1834
COMLY Auctioneers
WM. F. COMLY & SON, INC.
1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500

PUBLIC AUCTION

OF REAL ESTATE & PERSONAL PROPERTY

Saturday, December 1st
@ 9:00 A.M.
Located at 127 Pequea Avenue
(Rt. 10) Honey Brook

Directions: From Honey Brook Rt. 10 south, property on left just before Kern's Hardware.

REAL ESTATE CONSISTS OF 4 bedroom, 2 story stone dwelling. 1st floor has large foyer; living room with stone fireplace; dining room; kitchen with pantry; sunroom; powder room & laundry. 2nd floor has 4 bedrooms and modern bath; hardwood floors throughout. Attic; full basement; oil hot air heat; flagstone porches; detached 2 car garage with work area.

OPEN HOUSE: Saturday, November 17th from 1-3 P.M.

TERMS: 10% day of sale; settlement on or before Jan. 15, 1991.

ANTIQUES, HOUSEHOLD GOODS & TOOLS: Lots & Lots of good glassware incl. approx. 100 pcs. of depression (several patterns, some sets); pressed glass; cut glass; china; etched glass; casserle sets; figurines; compotes; Johnson Bros. set; set of blueware w/bird pattern; Cinderella couch; lots of knickknacks; lots of strawberry pattern pcs; oil lamps; other lamps; thimble collection; **Pistol** #939 22LR made by H.R. Inc.; 2 nice dinette sets; nice sm. chests; display cabinets; hutch; lots of stainless & silverplate cutlery; mirrors; nice Mohair living room suite; Livingston Piano (good cond); stereo & records; min. dry sink; sm. deacons bench; several other benches; sm. tables; very nice sec. desk w/high glass or book case top; other desk unit w/drawers; bdrm suite (bed, vanity, bureau & chest); lots of bed & bath linens; lots of plants; Silverstone guitar; banjo; child's refrig. & stove; wicker clothes baskets; clothes racks; woven strip rug runners; mantle clock; commode; buffet range (2 burner); jars; cookbooks; garden books, etc.; old cabinet radio; misc. sm. kit. appliances; refrig; auto washer & dryer; misc. kit. dishes & kettles; B&D lawn sweeper; hand tools; step ladders; equip. for Wheel Horse tractor; ext. ladder; garden tools; 275 gal. oil tank 1/2 full; Simplicity roto-tiller; Foley saw sharpener & equip; sm. drill press; whet stone grinder; grind stones; band saw; 3/4 hp router; B&S engine parts; lots of hand tools; lots of B&D power tools; nuts; bolts; min. hobby laythe; lots of power sharpening tools; old hand saw & torch.

Terms By:
Mary Elizabeth Bowman

Horning Farm Agency, Inc.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183

Lunch Available

HFA

REALTOR MLS

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT DEC 1 - 10AM, 1977 Chev Pick-up, Ferguson Tractorw/Frt End Loader, Equip , Gun, HH Goods & Tools, located turn S off Rt 568 1 mi E. of Knauers (Rt 625) at Alleghenyville Church onto Alleghenyville Rd. for 3/4 mi, then right onto Schouck Rd. for .8 mi , Brecknock Twp , Berks Co , PA, William H. Kohl, Jr Estate, John D Frey, Auct

SAT. DEC 1 - 11AM, Dewey Farm Machinery and Tool Auction, located Hornell, Steuben Co , NY, Jeff and Ellen Dewey, owners, Pirrung Auctioneers, Inc., Aucts

SAT DEC 1 - 12Noon, 17 Acre Farm, RE, Farm Equip , located at 1096 Pieffer Hill RD , Brecknock Twp , Lanc Co , PA, Martin L Fox and Ella M Fox, owners, T Glenn Horst and Sons, Aucts

SAT DEC 1 - 12Noon, Greenbrier Estates Land Auction-21 Different Parcels from 1 Acre to 148 Acres, 30 mi NW of Harrisburg near Landisburg, Perry Co , PA, Mark DiSanto, owner, Kling's Auctions, Inc., Sale Mgrs

SAT. DEC 1 - 1PM, Brickerville 2 Story Frame Home, located 4 Keener Rd , Elizabeth Twp , Lanc Co , PA, Jeral M and Debra L Lauver, owners, Paul E Martin and John D Stauffer, Aucts

SAT DEC 1 - 2PM, RE-1 7 Acres of Ground M/L, 2½ Story Frame w/Alum Siding Dwelling, 2½ Story Frame Barn, located E of Lancaster on Rt 23, 1½ mi from Rt 30 Bypass, across from Grace United Church of Christ, 1966 New Holland, Pike, Lanc , PA, Harvey Seibel, owner, Miller & Siegrist, Aucts

TUES DEC 4 - 10AM, Complete Blending Plant, 25 NH3 Wagons, 7 Applicators, 10 Fertilizer Spreaders, Loaders, Scales, RE, Bellona, NY, Crop Production Services, owners, Howard W Visscher and Roy Teitsworth, Inc , Aucts

WED DEC 5 - 3PM, Antiques, Toys, HH Goods, Studebaker Cars, located at Brickerville Fire Hall, located along Hopeland Rd , just off Rt 322, approx 8 mi W of Ephrata, Brickerville, PA, Jacob B Kreider and James E Huber, owners, T Glenn Horst and Sons, Aucts

WED DEC 5 - 6PM, Stand-Up Dealers Auction of Pine Furniture and Craft Starts, Box Lots, Diffenbach's New Holland Auction

THURS DEC 6 - 9AM Springs Equipment Auction-New & Used Equipment, Vehicles, Shop Items, Office Equip , Antiques, Toy Collection, Tractors, located at our place of business, 3 mi N of Grantsville, MD on Rt 669 in the village of Springs, PA in Southern Somerset Co , PA, Mr and mrs Larry Miller, owners, Clark A Yoder, Auct

THURS DEC 6 - 11AM, Hollyview Farm Complete Milking Herd & Springing Heifer Dispersal, at Leo's Dairy, Rt 34, Carlisle, PA, Hollyview Farms, Inc , owners, Kling's Auctions, Inc , Sale Mgrs

THURS DEC 6 - 1PM Antiques, located 1 1/10 mi N of Manchester, PA, along Rt 181, turn right at Gray Rock, Rentzel's Auction Barn, Blaine and Nevin Rentzel, Aucts

THURS DEC 6 and FRI DEC 7, Large Two Day Sale of Farm Equip , Etc , at Horst's Machinery Lot, one mi. E. of Marion, PA, Ralph W. Horst, Mgr.

FRI DEC 7 - 9AM, Mules, Dairy Herd, FArm Machinery and Some Furniture, located in Centre Co , ½ mi S of Rebersburg, PA at Smullton, Mrs Melvin (Lizzie) Zook, owner, Mark Glick, Auct

FRI DEC 7 - 9AM, All-Day Consignment Auction of Antiques, Antique Furniture and HH Items, Your Consignments Welcomed Diffenbach's New Holland Auction

FRI DEC 7 & SAT DEC 8 - 9AM Both Days, Antiques, Personal Property, located at the National Guard Armory, 1010 Lincoln Way W , Chambersburg, PA, Estate of Jessie S Gabler, Marvin G Amsley, Auct

SAT. DEC. 8, Colonial Home on 2 Acre Lot, HH Goods, Personal Property, located approx. 3 mi SE of Elverson, along dge Rd and Rt 345, just off Rt 401 in E Nantmeal Twp , Chester Co , PA, John and Judy Hudzik, owners, LeRoy S Horst and Paul W Horst, Aucts

SAT DEC 8 - 9AM, RE, Antiques, HH goods, Guns, Fishing Equip , located at 452 Ridge Ave , Ephrata Twp , Lanc Co , PA, Mrs Raymond Brubaker, owner, T. Glenn Horst and Sons, Aucts

SAT DEC 8 - 10AM, 544 Acres To Be Offered In Parcels, located Third Hill Dairy, Mt Jackson, VA, Third Hill Dairy, Inc , owners, R F Pangle and Mark Pangle, Aucts

SAT DEC 8 - 10 30AM, 3 Acre Farmette, Greenhouse Supplies, Farm Equip , Tools, located along S Fairmount Rd , E end of Farmersville, W Earl Twp , Lanc Co , PA, Raymond S and Alta K Nolt, owners, Nevin Z Martin and Adrew M Martin, Aucts

PUBLIC AUCTION

OF APPROVED 13 LOT SUBDIVISION

Sat., December 15 @ 1:30 PM

Located along Icedale Road off Rt. 322 approximately 4 miles east of Honey Brook.

Lots range in size from 1⅓ to 2 acres. All lots perk approved. Final plans recorded. All lots gently sloped and wooded. Call Horning Farm Agency for specifications and prints.

TERMS: 10% day of sale; settlement on or before Feb. 15, 1991.

Terms By:
Scott Weikert

Horning Farm Agency, Inc.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183

HFA

REALTOR MLS

RENTZEL'S AUCTION BARN

THURSDAY, DEC. 6, 1990

1:00 P.M.

ANTIQUES

INCLUDING THE PERSONAL PROPERTY OF ESTHER LOUCKS AND MARY BROSE GREGORY
LOCATED: 1 1/10 Mile North Of Manchester, Pa. Along Rt. 181, Turn Right At Gray Rock.
Watch For Signs.

(PARTIAL LIST)

Shreiner Lancaster County Grandfather's Clock, Victorian Living Room Furniture, Walnut Corner Cupboard, PA Walnut Table, 2 Pc. Dutch Cupboard, Oriental Rugs, Blanket Chests, China, Glassware, Silver, Kero Lamps, Figurines, Cherry Dropleaf Table, 1 Drawer Night Stand and Much More!!!

PUBLIC SHOWING
WEDNESDAY, DEC. 5, 1990
FROM 3-7 P.M.

Rentzel's Auction Service
Blaine & Nevin Rentzel,
Larry Rutt
#RH-000026-L
Office: 764-6412
Auction Barn: 266-7200

Crop Production Services

Complete Blending Plant
25 NH3 Wagons - 7 Applicators
10 Fertilizer Spreaders - Loaders
Scales - Real Estate

Tuesday, December 4
at 10:00 A.M.

Bellona, N.Y.

Notice: **Having closed the Bellona plant, Crop production Services will liquidate the entire stock and plant fixtures and rolling equipment as well as the Real Estate at Public Auction. An attractive auction here of desirable well maintained equipment.**

Auction will be held at the Bellona Station Plant, 10 miles south of Geneva, 10 miles North of Penn Yan and 1 mile West of Route 14.

Selling: Trucks, Loaders, & Forklifts: 87 Ford F250, ext. cab, 58,000 miles; 87 Chev. C-30, V8, auto. trans., P.S./P.B., 98,000 miles; 75 Ford 900 C&C; Clark 3000 lb. forklift on pneumatic tires; 1975 Tyler Challenger articulated loaders, 4WD, reconditioned; (2) Tyler 2WD art. loaders; 1977 AC 540 art. loader w/bucket & forks, recond.; 1978 Mobility Big Dipper 2WD, (parts); 5hp. American IMC air compressor; Onan 10kw generator w/2 cycle eng.

Fertilizer Plant Equipment: Waconia 90T nine unit fertilizer tower blending plant w/4T Waconia orbital blender; Toledo scales, #8 Model 2352, 10,000 lbs.; Waconia 24" 120T per hr. 80' fertilizer elevator leg; Sackett bulk conditioner Model 75; elevator leg; double rotomatic bag packer; double bagger; 12' conveyor table; Ag Gator drybox & liquid unit; 30,000 gal. anhydrous tank; (25) 1000 gal. anhydrous tanks on running gear; (7) John Blue anhydrous applicators; (9) Tyler fert. spreaders; 1985 Stoltzfus 10T dry spreader w/30' dry booms, truck mount; 6T stainless tender w/8hp. motor; GVM 5T stainless lime & fert. spreader; ATI 5T Maxi 220 ground driven spreader; many other misc. items.

Office equipment: desks; file cabinet; safe; lockers; time clock.

REAL ESTATE: 8.35 Acres of land w/40,000 square ft. warehouse & office space. Open House: November 30 (10:00 a.m.- 4:00 p.m.)

Call for brochure.

TERMS ON EQUIPMENT: CASH OR GOOD CHECK THE DAY OF THE SALE.

HOWARD W. VISSCHER
LIC. REAL ESTATE BROKER
NICHOLS, N.Y.
607-699-7250
ROY TEITSWORTH, SALESMAN

— — — —

ROY TEITSWORTH, INC.
SALES MANAGER & AUCTIONEER
6502 BARBER HILL ROAD
GENESEO, N.Y. 14454
716-243-1563

PUBLIC AUCTION

WED., NOVEMBER 28, 1990
AT 5:00 P.M.
HELD AT DUNN'S AUCTION HOUSE
RT. 472, KIRKWOOD, PA.

1983 Lincoln Continental 4 Door Sun Roof Loaded

FURNITURE: Ethan Allen & Other Recliners; New bar server; coffee tables; end tables, dining room table & 4 chairs; solid rock maple dining room suite w/hutch & server; used bedroom suites & box spring, mattresses; office desks & chairs; servers; 25" Zenith console solid state color TV; free standing fireplaces; natural gas & electric heaters; new brass glass fireplace enclosure; blankets & bedding; elec. range; kerosene heaters; sewing machines; new & used 35mm & Polaroid cameras; steel cabinets; mimeograph machine; large lot of ceramic tile; new Mod. #139 Cobra SSB/AM CB radio; electronic calculators; **ANTIQUES:** Wurlitzer organ w/console speaker; Minshall Estey organ w/ piano keyboard w/console speakers; bronzed statuettes; bronze Last Supper; blanket chest; cedar chest w/Queen Anne legs; (2) sets English bone china; (1) key wind pocket watch & others; coin collection; depression glass; old school desk; apple cider press.

CLOTHING, TOOLS, WELDING & INDUSTRIAL SUPPLIES

CLOTHING: Approx. 200 Pcs. NEW men's work uniforms - Clayton Brand; pants & shirts; New 100% cotton uniforms; New dress & sports shirts; blue jeans; USA made shoes & boots; New Ladies Cowboy Boots; leather work & welding gloves; **TOOLS, WELDING & INDUSTRIAL SUPPLIES:** New Skill saws; belt sanders mechanics hand tools; torque wrenches; impact wrenches; New inline board sander; New jitterbug sander; grinding wheels; new rope; Sm. back gear drill press; shop vac; armature lathe; welding regulators; electrode holders; ground clamps; pin & screw shackles; Hyd. control valves; stainless AC & DC welding rod; heavy trailer & pintle hitches; 2" structural pipe; air & hyd. cylinders; welding & cutting torches; heavy welders tank cart; acetylene; oxygen; propane tanks; New & used entrance elec. switch boxes to 400 amp; step & ext. ladders; chain, heavy steel shelving; gondola display shelves; hard bolts; pipe fitting; exhaust fans; Rasor Back union shovels; layout & drafting table; steel pulleys W/C & D grooves; concrete deform reinforcing rods; drill steel; heavy steel wire pallet tote basket; New & used propane radiant heaters; **& LOTS MORE.**

SALE FOR
MOUDY INDUSTRIAL & WELDING SUPPLY COMPANY

WHYTE'S ENTERPRISE AUCTION SERVICE
LARRY WHYTE (AU-2608-L)
LARRY G. NEUHAUSER
717-786-7666

PREVIEW 11:00 AM TIL SALE
TERMS: CASH OR GOOD CHECK W/ID

BE EARLY! WILL BE SELLING BOX LOTS OUTSIDE AT 4:30 PM WEATHER PERMITTING.

PUBLIC SALE

THREE-ACRE FARMETTE GREENHOUSE SUPPLIES FARM EQUIPMENT, TOOLS

SATURDAY, DECEMBER 8, 1990

10:30 A.M.

Located along South Fairmount Rd , east end of Farmersville. West Earl Twp , Lanc Co., Pa

Directions: From Rt 322 in Hinkletown at Martin's Bike Shop take Farmersville Rd , two miles to South Fairmount Rd , turn left second property on right

A certain tract of land consisting of three acres M-L, app 200' of road frontage, Zoned R2 Erected thereon a

2½ Story Frame Dwelling

with vinyl siding Kitchen with built-in cabinets, inlaid linoleum, family room, bedroom, full bath, laundry Second floor Five bedrooms, some with closets Hardwood flooring Attic storage. Full cemented basement with outside entrance Oil fired hot air heat Well with pressure system Cistern with hand pump Shade trees, lawn and garden. 75 fruit trees

Cement Block Barn with garage and shop attached

30'x72' Greenhouse with W trusses

10'x12' Seedinghouse with practically new auto hot water coal stoker.

16'x45' Sales Room and work area attached to greenhouse.

Note: If you're looking for a country setting, a family project business, don't miss this sale

Open House: November 24 and December 1, from 12 00 noon to 4 00 P M

Terms: 10% down day of sale, balance January 8, 1991 **Real Estate at 1:00 P.M.**

Farm Equipment - Tools

Kubota B7100 Tractor, 4x4 Drive, 54" Snow Blade, 939 Hrs , Kubota 3 pt 12" Bottom Plow, 3 pt One Row Cultivator, Bush Hog RTS 4' 3 pt Tiller, Woods RM 48 3 pt. Rotary Mower, 8' Disc, 4'x8' Tandem Trailer, 100 Gal Fiberglass Tank Sprayer, **Stihl SG 17 Back Sprayer,** like new, Portable 28" Cider Press with Stainless Steel Chopper and Stainless Steel Storage Tank, very good condition, 2 - 8' Wooden Orchard Stepladder, app. 100 Bushel Crates, app 350 Tomato Stakes, **Tools:** Portable Century 225 amp Wire Feed Welder, like new, Jet 1 H P , ¾ " Chuck Floor Model Drill, like new, Portable Jet ¾ H.P Band Saw, like new, Jet 1½ H P Bench Grinder on stand, like new, Bench Vise; Table and Band Saw; Schwinn Bike and Cart, 12 Ga. Double Barrel Shotgun

Greenhouse Supplies Household Goods

Enterprise Wood-Coal Range, Kelvinator Refrigerator; Buffet; Humidifier; Double Spring and Mattress, Single Mattress; Wooden Tables, Office Desk, 2 - 4 Drawer Filing Cabinets; Stools

38'x72' Greenhouse Shade Cloth, app 1000 Protrays, some new, Support Trays, some new; Liners, Pots; Potting Soil, New Hanging Baskets and Flower Pots, Bird Baths, Flying Ducks; plus more items not listed

Come early and enjoy the day with us

Sale for

Raymond S. and Alta K. Nolt

717-354-2055

Atty Ed Miller
Aucts
Nevin Z. Martin AU1078L
Andrew M. Martin AA1771-L

Lunch served by Farmersville Fire Co
Not Responsible For Accidents
Out of state buyers need cash or a current bank credit letter.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. DEC. 8 - 11AM, Colonial House on 2 Acre Lot, HH Goods & Personal Property, located approx mi SE of Elverson along Hedge and Rt 345 just off Rt 401 in E Nantmeal Twp., Chester Co., PA, John and Judith Hudzik, owners, LeRoy Horst, Auct

SAT DEC. 8 - 11AM, RE-2 Parcels of Land, Stone House w/5 Acres of Woodland, 38 Acres of Moutain Land w/50' Access Rd., located 345 Buck Rd., Dover, PA, between Lewisberry Rd and Bull Rd, York Co, PA, Blaine and Nevin Rentzel, Aucts

SAT. DEC 8 - 11AM, 4 Room Bungelow on 1¼ +/- Acres, Building Lot off Swamp Rd, and Old Sto Farm HOuse on 12+/- Acres suitable for restoration, located along Swamp Rd., Caernarvon Twp., Berks Co, Dennis Weaver POA, Horning Farm Agency, Inc., Aucts.

SAT DEC 8 - 12Noon, Real Estate and Misc Items, located Brickerville, corner of Rt. 322 and Keener Rd., 202 E. 28th Div. Hwy., Village of Brickerville, Lanc. Co., PA, C. Timothy & Cindy L Stahl, owners, Paul E Martin and John D Stauffer, Aucts

SAT DEC 8 - 1PM, Real Estate, 22 975 Acre Farm, located from Quarryville, PA take Rt 472 S. approx. 9 mi or from Oxford take Rt 472 N approx 6 mi., turn W on Spruce Grove Rd to first farm on left, near Octorara Lake, Colerain Twp, Vincent Impriano and Mark Pavletich, owners, Kreider, Kline and Good, Aucts

SAT DEC 8 - 2PM, 2 Story Farm House located at 21 W Gramby St, Manheim, Leonard and Ruth Horning, owners, Horning Farm Agency,

MON DEC 10 - 4PM, Real Estate, located at 406 Susan Circle, Ephrata Boro, Lanc Co, PA, Michael L and Susan A Hassler, owners, Bechtold Auctioneers, Aucts

MON DEC 10 - 5 30PM, Coin Auction, at Springetts Fire Co Social Hall, 3013 E Mrket St, York, PA, Budd D Stine Estate, Gilbert and Gilbert, Aucts

WED DEC 12 - 1PM, 560 Acres-Complete Hog Facility, located 25 mi S of Columbus, OH near Circleville, Schrader Real Estate and Auction Co, Aucts

FRI. DEC 14, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511

SAT. DEC 15 - 9 30AM, RE & HH Goods at 2108 Lundell Dr, 2 mi E of Lanc just S of Rt 23, Esther V Kolb, owner, Abe Diffenbach, Auct

SAT DEC 15 - 9 30AM, 2 Auctions-1 Location, New and Used Agricultural Implements, Construction Equip, Truck Tractors, Chippers, located Montgomeryville, PA, for Phila Electric Co, New Jersey Bell, Bell of PA, Con-Edison of NY, R W Keller Sales & The Marian Bank, Vilsmeier Auction Co, Aucts

Public Auction

Of 1977 Chev. Pick-Up, Ferguson Tractor w/Frt. End Loader, Equipment, Gun, Household Goods & Tools

On Sat., Dec. 1, 1990

Sale At 10:00 A.M.

Turn S Off Rt. 568 1 Mi. E Of Knauers (Rt. 625) At Alleghenyville Church Onto Alleghenyville Rd. For 3/4 Mi., Then Right Onto Schouck Rd. For .8 Mi. Brecknock Twp., Berks Co. Watch For Signs.

Ferguson Tractor w/Frt. End Loader & Snow Bucket- Good Rubber; Wood 3 Pt. 5' Scraper Blade; Ford 3 Pt. 2 Btm. Plow; 3 Pt. 6' Disc; 3 Gravely Power Units w/ Sulkies- Rotary & Sickle Mowers & Roto-Tiller; Aeriol 200,000 BTU Force Air Heater; Snapper Comet & Fairlawn 5 HP Riding Mowers; Remington MM 200 & 500 & Elec. Chain Saws, Rubber Tire Wheelbarrow; 2 Hole Corn Sheller- Nice Paint; Steel Wheel RR Baggage Wagon.

1977 Chev. Cheyenne 10 Pick-Up w/V-8, & AT; Marlin Rifle Model 336 w/ Scope; Marlin 22 Long Rifle w/Scope.

TERMS: CASH OR PENNA. CHECK

SOLD FOR

WILLIAM H. KOHL, JR. ESTATE

Frey Auctioneers, AU-000-302-L

Refreshments On Premises

FREY AUCTIONEERS
John D., George D. & Jean L.
AU 302L

Public Auction

Of Real Estate

December 10, 1990

@ 4 PM

Located at 406 Susan Circle, Ephrata Borough, Lancaster County, PA 17522 in beautiful Lincoln Gardens Development.

Selling a lovely split-level, brick & vinyl home located on a corner lot in one of Ephrata's most desired areas. Home features 3 bedrooms, Krown custom cherry kitchen, family room with fireplace, 12'x12' dining room, oversized 2-car garage with openers. Home has economical heat pump with central air. **Don't miss this opportunity to own this lovely home at your price.**

Terms are 10% down day of sale and settlement within 45 days.

Open House dates are: Wed., Nov. 28th 4-6 PM; Sat., Dec. 1st 2-4 PM. Other Times call Auctioneers.

Sale For:

MICHAEL L. & SUSAN A. HASSLER

Bechtold
AU-2176-L

CLAUDE F. BECHTOLD CAI
1928 CREEK HILL ROAD
LANCASTER, PA 17601
717-397-9240

PUBLIC AUCTION

SATURDAY, DECEMBER 1, 1990

9:00 AM

Household Goods-Furniture-Tools Auction held on the premises:

207 Swarthmore Drive
Lititz, Pennsylvania

REASON FOR AUCTION - Owner moved to a nursing home, must sell the entire contents of the house.

DIRECTIONS - Go two (2) red lights east of the square in Lititz and turn right onto Locust, go one (1) block and bear left onto Kissel Hill Road, go four (4) blocks and turn right onto Swarthmore Drive, follow auction arrows.

CONDITIONS BY:
Richard A. Melzer
P.O.A. FOR: Walter Melzer

AUCTION CONDUCTED BY:

Ebersole & Shoop, Auctioneers

REAL ESTATE BROKERS — AUCTIONEERS

Nelson L. Ebersole
License #AU-001307-L
Phone: 717-867-5221

Ira R. Shoop
License #AU-001631-L
Phone: 717-534-2030

SPRINGS EQUIPMENT PUBLIC AUCTION

THURSDAY, DECEMBER 6, 1990

AT 9:00 A.M.

At our place of business, 3 miles north of Grantsville, Md. on Route 669 in the village of Springs, Pa. in southern Somerset Co. Pa.

New Equipment: Gehl 970 Forage Box, 3 beater, roof, on 12T tandem running gear; 16 ft. McConnell harrow, 3 pt. & drag hitch; Howard 3 leg Para plow; 16 ft. Belt conveyor; Gehl skid steer bucket.

Used Equipment: Massey Ferguson 1135 tractor w/cab; Farmall M tractor; 5 bottom, 16 in. Oliver semi-mount plow; N.H. 489 haybine; N.I. 5109 mower conditioner w/hyd. tongue swing (like new); N.I. 509 mower conditioner; 2 N.I. 279 9 ft. cutditioner; Gilson 18 H.P. hydro garden tractor w/mower, snowblower and cab; I.H. #50 harvester w/2 heads; cultivator & loader for C.A.; AC rotobaler (parts) AC 443 baler (parts); 5 snowblowers for AC garden tractor; 1 snowblower for Roto Hoe tiller.

Vehicles: 1972 C60 Chevy truck w/23 ft. Henderson roll back; 1972 C900 Ford truck w/13 ft. bed w/trailer hitch; 14 ft. tandem trailer, Snowco lawn & garden trailer.

Shop Items: Platform scales, hydraulic jack hammer, lawn aerator, chain hoists, storage bins, electric motors, tires, rims for implement & tractors, batteries, chains & boomers, display stands, lots of paint, lubes, tools, etc.

Office Equipment: Tec M-2200 computerized cash register w/printer, Toshiba BD-3301 copier, filing cabinets, desk & chairs.

Above items are subject to daily sales.

Antiques: (Antiques are not for sale before day of sale). Large assortment of new parts for older tractors, Blue Diamond AC sign, lighted Gleaner E sign, lighted AC sign, lighted AC & Miller Bros. sign, N.I. sign, 4 AC Miller Bros. road signs, Salaysaw, (forerunner of chain saws), parts books, back to AC-U & UC; AC, Gehl and N.I. operator manuals, 8 History of Allis Chalmers books published in 1959, old magazines & red books, 2-spool cabinets.

Toy Collection: Tractors: AC D-17 (original), AC 190 Bargrille, AC 190 plain grille, AC bronzed G, AC D-19 gas, AC D-19 diesel, AC D-21, AC WD, AC WD45, oil pull, AC UC, AC WC, AC 7080, AC 7060, AC 7045 AC 8010, AC 8030, 2 N.I. uni systems, N.I. 10A spreader, N6 combine, Gehl skid steer.

This is a partial listing of a large sale.

Terms: CASH

Owners:

Springs Equipment

Mr. & Mrs. Larry Miller

Box 128, Springs, Pa. 15562
Phone 814-662-2222

Auctioneers:
Clark A. Yoder AU-001048L
Phone 814-662-2901
Merle S. Mishler
Phone 814-479-4897

Not Responsible For Accidents
Small Items To Be Sold
Under Cover In Heated Shop

DEWEY FARM MACHINERY AND TOOL AUCTION

SAT., DEC. 1, 11:00 A.M.

HORNELL, (STEUBEN CO.) NEW YORK

Sale to be held at the farm on Upper Glen Avenue, 3 miles from the East Main Street Bridge in Hornell. From East Main Cross bridge, go straight across onto Florence Street which becomes Glen Ave., proceed straight ahead to Lane Road, cross Lane Road and follow dead end road to end.

Sold farm and moving out of state due to job promotion, selling will be a well cared for line of equipment.

Original owner Case 970 diesel tractor (94 h.p., 1977 model year) 1476 hrs., heated factory cab, power shift, two hyd. remotes, 20.8-34 rubber, real sharp!; AC 2000 model 4-16 semi-mount plow with power slide hitch and coulters; Original owner NH 846 auto. wrap round baler, app./ 850 lb. size, used only on this farm!; NH 461 haybine in good condition!; NH 56 rake; Bush Hog 6 ft. trailer type rotary mower; Sears 3 pt. 4 ft. rotary mower; NH 80 3 pt. big bale mover with push arm; 3 pt. bale spear;; Pittsburg 12 ft. disk; Dunham 10 ft. cultimulcher; 3 pt. broadcast seeder; CT 3 pt. post digger; CT hyd. wood splitter; IH 510 (18 disk) grain drill with front grass seeder, (fry fert. bottom eaten away); App. 65 bales (1989 crop) 850 lb. of hay; flat bed bale trailer; nice original owner Honda 300 Four. Trax 4-wheeler; Honda EG 3500X portable generator; Power Kraft 1000 watt portable generator; CT ¾ h.p. portable air compressor; Honda F500 rototiller; Stihl 041 chain saw; round bale feeders; cattle shute; various metal gates; head gate; mineral feeder; fencing supplies; ear taggers; grooming items; Homebuilt livestock trailer; 2 picnic tables; etc.! A good little sale here! Lunch available!

Terms: CASH or honorable check. Acceptable ID required!

Owned by

Jeff and Ellen Dewey

607-324-4366

Auction Conducted By:
PIRRUNG AUCTIONEERS, INC.
Wayland, New York
716-728-2520

PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS & TOOLS

BRICKERVILLE FIRE HALL

WED., NOVEMBER 28, 1990

AT 3:30 P.M.

Sale to be held at the Brickerville Fire Hall, located just off Rt. 322, approx. 8 miles west of Ephrata, Brickerville, Lanc. Co., PA.

FURNITURE

Jelly Cupboard; High Back Dry Sink; Rope Bed; Blanket Chest; OAK: Drop Front Desk, Dresser, Chest of Drawers; Victorian Parlor Suite; Dresser w/Tear Drop Pulls; Chest of Drawers; Bedroom Suites; Dining Room Suite; Wardrobe; Oak Store Cases; China & Mantel Clocks; Iron Lamp; 3 OLD COKE COOLERS; 40" GAS STOVE; Refrigerator; Microwave; Singer Sewing Machine; Air Conditioner.

CHINA & GLASSWARE

Planters Peanut Jar; Carnival Spittoon; Ironstone; Halls Bowls; Pressed & Pattern Glass; Goofus & Ruby Glass; Depression Glass; Peanut Butter Glasses; BOTTLES: Dairy; Crocks & Stoneware Jugs; Copper Washboiler; Agate.

LINENS: Quilts; Braided Rug; Advertising Items; Baskets.

TOYS: Wooden Toys; Cast Iron Banks & Toys; Iron Dog; Baseball Cards; Iron Kettles.

TOOLS: Wooden Wheelbarrow; Platform Scales; Buch Cornsheller; Straw Cutter; Wheel Measure; Sausage Press & Butcher Tools; Broad Axe; Wooden Planes; DATED CONESTOGA WAGON JACK; Anvil & Blacksmith Tools; Hay Hooks; Walking & Potato Plows; Buck Saw; Wooden Rake & Fork; Caboose Whistle; Bag Wagon, Foot Powered Jig Saw.

Terms By:

Mary E. Getz

HORST AUCTS.
AU438L
T. Glenn
Timothy G.
Thomas A.
859-1331 — 738-1245
"VOICES OF EXPERIENCE"

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT DEC 15 - 1 30PM, Approved 13 Lot Subdivision, located along Icedale Rd off Rt 322 approx 4 mi E of Honey Brook, Scott Weikert, owners, Horning Farm Agency, Inc., Aucts

FRI DEC 28, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511

SAT DEC 29 - 4 45, Farm Toy Consignment Auction (Toy Show Same Day 9AM-3PM) at the Farm & Home Center, offer Rt 72 near Lancaster, PA, Dave Nolt, Auct Mgr

January

FRI. JAN. 4 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA

THURS. JAN 17 and FRI. JAN. 18, Large Two Day Sale of Farm Equip., Etc., at Horst's Machinery Lot, 1 mi E of Marion, PA, Ralph W Horst, Mgr.

FRI. JAN. 18 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

February

FRI. FEB. 1 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

FRI. FEB. 15 - 10AM Horse Sale, at New Holland Sales Stables, New Holland, PA.

TUES. FEB 19 - 9AM, Livestock and Farm Equipment Located ½ Mile South Of Nickle Mines, 1 Mile North Of Rt. 896 From Georgetown, Lanc Co For Mrs Jonas King And Reuben B. Fisher. (On The Premises) Diffenbach's New Holland Auction Center, Ltd., 100 W Jackson St, Box 485, New Holland, Pa. 17557.

WED. FEB 20, Farm Machinery, Holstein Herd, Mules, HH Goods and Antiques, located N. of Terre Hill, Lanc. Co., PA, Steve and Steve, Jr Petersheim, Aucts.

THURS. FEB. 21 and FRI. FEB. 22 - 8:30AM Both Days, Antique Tractors, Engines, New-Used and Abused Farm Equip., located 10 mi E. of Lancaster, 2½ mi. W. of New Holland, turn off Rt. 23 of S. Groffdale Rd., left on Musser School Rd., Lanc. Co., PA, Elias S. Beiler, owner, Robert E. and Jeffrey R. Martin, Randal Ranck, Blaine and Nevin Rentzel, Bob and Dennis Wolgemuth, Freddy Goodrich, Aucts

TUES. FEB. 26, Herd of Reg. Holsteins, Full Line of Farm Mach., located Clearfield Rd., Lanc. Co., PA, Jacob S. Stoltzfus, owners, Steve and Steve, Jr. Petersheim, Aucts.

WED. FEB. 27 - 9AM, Full Line of Horst Drawn FArm Machinery, 6 Head of Mules, 3 Flat Bed Wagons, Few HH Goods and Antiques, located 2 mi. W. of Morgantown, Christ E. and Rebecca Stoltzfus, owners, Steve and Steve Jr. Petersheim, Aucts.

March

FRI. MAR. 1 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

SAT. MAR. 2 - 8:30AM, 27th Annual Bart Twp. Fire Co Sale, Farm Equipment, Tools, Antiques, Quilts, Dry Goods, HH Goods, located in the village of Georgetown, 6 mi. SE of Strasburg along Rt. 896 (Lanc. Co., PA), Local Auctioneers.

TUES. MAR. 5, 9AM, Dairy Cows and Farm Equipment, 3 miles south of Strasburg along Eisenberger Road for Levi S. Fisher (On the premises).

WED. MAR. 6 - 10AM, Farm Machinery, (2) AC diesel tractors, Full Line of Forage & Tillage Equip., Milking Equip., located 3 mi. E. of Honey Brook, PA, John O. and Lydia Stoltzfus, owners, Steve and Steve, Jr. Petersheim, Aucts.

FRI. MAR. 15 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

Marvin G. Amsley AU-002323L Auctioneer

TWO DAY PUBLIC SALE

Valuable Antiques And Personal Property

From The Estate Of Jessie S. (Mrs. Robert E.) Gabler Deceased, Held At The National Guard Armory, 1010 Lincoln Way West, Chambersburg, PA, On Friday And Saturday, December 7th & 8th, 1990 At 9 A.M. Both Days.

Furniture- Chippendale Cherry Secretary Desk 8 Ft. w/Broken Arch Top Good Interior; 9 Pc. Mahogany Chippendale Dining Room Suit; Walnut Chippendale High Chest Of Drawers 3 Over 2 Over 4 Drawers, Inlaid (A Beauty); Walnut And A Cherry Hipplewhite Chest Of Drawers, Inlaid; Chippendale Mahogany Slant Top Desk w/Good Interior; Cherry Hipplewhite Slant Top Desk flutted Corner w/Secret Drawer Good Interior, Inlaid (A Beauty); Walnut 1 Pc. Small Corner Cupboard 6 Paine w/ Arch Top H Hinge, (Peter Hubley And Star) Inlaid At Top; Mahogany Bow Front 4 Drawer Chest of Drawers Flutted Corner w/Claw And Ball Foot; Walnut Hipplewhite Inlaid Slant Top Desk w/Good Interior; (3) Mahogany Sectional Book Cases; (2) Beauty Mahogany Inlaid Card And Wall Tables; Walnut And Cherry Hipplewhite Inlaid Drop Leaf Tables; (6) 1/2 Spindle Plank Bottom Chairs; Highly Carved Inlaid Coffee Table; Chippendale Sofa; Oval Victorian Walnut Library Table w/Drawer; (2) Victorian Walnut Crush Velvet Sofas; Pr. Victorian Side Chairs; Victorian Carved Ladies Chair w/Needle Point; Large Double Walnut Victorian Hall Rack w/Mirror, 7 1/2 Ft.; Round Walnut Victorian White Marble Top 40" Table; Victorian Carved Walnut Turtle Top White Marble Table - Rep. Mahogany Low Boy Carved w/Claw Foot; Mahogany Inlaid Tilt Top Stand w/ Claw Foot; Dough Tray; Ladder Back Chair; Wing Back Chair; Pr. Mahogany Single Poster Bed's Plus Other Good Furniture Etc.

Clocks- Six Good Grandfather's Clocks, #1 Chippendale Mahogany Case Flutted Corner, Inlaid 8 Ft. High (Ann W. Rich, Bridgewater) Adam & Eve Dial; #2 Hipplewhite Mahogany Inlaid Case Moon Dial (High Water At Lerth); #3 Chippendale Flutted Corner Mahogany Case w/Brass Face (Barnaby Matthews) 7 Ft. 10" High; #4 Hipplewhite Flutted Corner Mahogany Case w/Ship Dial Warranted By (G. Parker) History Inside Early 1800's 7 1/2 Ft.; #5 Cherry Case Flutted Corner Arch Top Moon Dial w/Calendar 8 Ft.; #6 Rep. Cherry Flutted Corner Case w/(A. Gray Graytown) 8 Ft.; (2) E. Terry Mantle Clocks Plus Other Good Clocks Etc.

Oriental Rugs- Blue Chinese Rug 9 Ft. x 13 1/2 Ft.; Brown Chinese 8 Ft. x 10 Ft.; Rose And Blue Oriental Rug 10 1/2 Ft. x 16 Ft.; Red Oriental Rug 4 1/2 Ft. x 7 Ft.; Red Oriental Rug 6 Ft. x 8 1/2 Ft. Red Prayer Rug 2 Ft. x 2 1/2 Ft. Etc.

Lamps- Brass Der Double Student Lamp Large w/Blue Glass And Brass Shade (A Beauty); Brass Double Student Lamp; (2) Single Student Lamps; Brass Kerosene Lamps; Bisque Figurine Lamps Etc.

Miscellaneous- 80 Pc. Of Very Good Copper Lustre All Kinds Pitchers, Mugs, Vases, Goblets, Cups, And Planters 3 Pc. Canery Lustre w/ Cornwallis; Large Glass Ink Well; Cut Glass; R & S Prussia; Green Deleware Water Set; Bisque Pieces; Goblets; (12) Good Canvas Oil Paintings Some Signed; Large French Music Box Inlaid; Quilts; Wood Carvings; Miniature Brass Bucket; Drop Leaf Table, And Poster Bed; Adams Mirrors; Gold Leaf Mirrors; (2) Brass Buckets; Early Brass And Irons; Miniature Big Wheel Coffee Grinder Complete; Scales; Large Pewter Tea Pot; Brass Candle Sticks; Good History And Civil War Books; Civil War Soldier Tin Type; Sterling Silver Pieces; Early Scrap Book; Postcards; Old Paper Money.

Guns- Winchester Mod. 61 22 Mag. Pump (Mint); Winchester Mod. 37 410 Ga. Single Bbl (Mint); Remington Mod. 121 22 Cal. w/Scope; Powder Horn, Flasks, Etc.

Jewelry- 1 1/2 Ct. Diamond Ladies Ring; 1 Ct. Diamond Pendant; Other Diamond Rings; Pocket Watches; Costume Jewelry; Etc. Sold Saturday At 11:30 A.M.

Terms Cash Or Good Check
Out Of State Buyers Letter Of Credit
Executor-
Chambersburg Trust Company
Glen & Glen Attorneys
Doors Open At 7 A.M. Both Days
Inspection Sale Days Only (Motels Nearby)
Information- Call (717) 264-2224 Or (717) 263-9201
Folks - For Complete Listing Send Self Addressed Stamped Envelope To: Chambersburg Trust Company, Trust Dept., P.O. Box C, Chambersburg, PA 17201.

Lunch Stand

PUBLIC AUCTION

WEDNESDAY, NOV. 28, 1990

BEGINNING AT 10 A.M. ON PREMISES MILLHURST MILLS, FREEHOLD, N.J.

Directions: 3 miles West of Freehold Circle, 1 Block off Rt. 33 Southside.
Value $1,240,000.00 INVENTORY
CABINETS, CERAMIC TILE, CARPET, BUILDING SUPPLIES

STARTING AT 10 AM: VANITIES, PLUMBING, CABINETS, WHIRLPOOLS, DOORS: 78 Bidets, Toilets, Pedestal Sinks, 67 Tubs Cast Iron, 80 Fiberglass & Acrylic Showers & Tubs, 150 Tub And Shower Doors, 1480 Raised Panel And Imported Genuine Cherry, Chestnut, Oak & White Kitchen Cabinets & Vanities, 75 New Countertops, 65 Medicine Cabinets.
LOCKS & HARDWARE: 3000 Locksets, Entry, Crystal, Solid Brass, Porcelain, 165,000 Pcs. Of Hinges & Pulls.
JACUZZI WHIRLPOOLS: 33 New Whirlpools, Sizes 5'x30" To 7'x48", Decorator Colors, Heavy Acrylic, 65 Matching Tub Surrounds.
DOORS & WINDOWS: Solid Oak, Birch, Etc., Many Fire Rated w/Frames, 15 Leaded Entry & Patio, 285 Republic Steel, 8 Pre-Hung Steel Entry, 360 Asst. Luan, 90 Lead Glass Beveled, French, 380 Sets Of Colonial White Pine & Louver Bi-Folds, 64 Crates Wire & Window Glass- 1/8"x1/4", 3/16" Amber Decor Glass, 5/16" Amber Wire Glass 48"x120", 880 Skylights, 19 Units Insul. Windows.
STARTING AT 12 PM: CARPETING- 3800 Yards Full Rolls Commercial And Residential, 58 Oriental Rugs 4'x6' to 6'x9'.
HARDWOOD FLOORING - $100,000.00 INVENTORY: 3/4"x4" To 7" Clear Plank And Pegged, Pref. And Unfinished, 3/8" Plank 3" To 7", 40,800 SF Pref. Parquet Oak.
CERAMIC TILE: 128,000 SF 12"x12", 10"x10", 8"x8" Floor Tile, Granite And Marble Like, White, Almond And Colors, 40,000 SF Mosaic 2"x2" to 4"x4" White And Colors, 10,000 SF 6x6 Wall Tile, 120,000 SF 1/8" Com. Amtico Vinyl Tile.
STARTING AT 1 PM: LUMBER, PLYWOOD: 1500 Pcs. 5/8" And 3/4" x 4x8 Ext. Underlayment Plywood, 23,500 LF White Pine, 81,750 BD 2x4 To 2x12 Hem/Fir, 3,000 Tile Board & Paneling & Tambour Flex, 440 Pcs. Sheetrock - 1/2 " & 5/8", 600 Pcs. Mahogany Plywood, 1,750 Pcs. Ext. Plywood, 19,250 SF Urethane Insul., 203,500 White Pine Molding, 5,800 SF Clear Rosewood Paneling, 120 Pcs. TIll Siding, 18,200 Ft. 1x6 Clear Cedar Siding, 15,750 LF 1x4 Clear Mahogany Flooring, Wood I-Beams w/Microlams, 28,000 LF 9-1/2" To 18" To 44", 120 - 5"x13'x23 Laminated Beams- Fir & Treated.
PAINT: 400 Gallons Int/Ext. Mostly White.
CEILING TILE & GRID: 81,750 LF Ceiling Grid, 4,000 SF Ceiling Tile.
OTHER ITEMS: 15,000 Lbs. Galv. Common & Roofing Nails, 675 Pcs. Galv. Duct Work & Fittings, 460 Rolls Single-Ply Torchdown Roofing.

TERMS: $100 Refundable Deposit To Register. ($10 Invoice Processing Fee Per Invoice) Cash Or Certified Checks Only, 25% Deposit Required Day Of Sale.
INSPECTION: 9 AM To 4 PM, Tuesday, November 27th, 8 AM Day Of Sale.
SALE: Rain Or Shine - Food Service Available.
AUCTIONEER'S NOTE: In Order To Improve The Speed & Efficiency Of The Auction And To Assure That We Will Conclude By 5 PM And Have Ample Time Left For Check Out, We Will At Times, Hold Two (2) Auctions At The Same Time On Unrelated Items.

Peter Costanzo Auctioneers, Inc.
LONG BRANCH, NJ 201-229-2530
UNION NJ 201 688 2552

PUBLIC AUCTION

REAL ESTATE & MISC. ITEMS
SAT., DECEMBER 8, 1990
AUCTION TIME: 12:00 NOON
Real Estate 1:00 P.M.
LOCATION: BRICKERVILLE. Corner of Route 322 and Keener Road, 202 East 28th Division Highway, Village of Brickerville, Elizabeth Township, Lancaster Co., PA.

2½ STORY FRAME HOME

Containing lg. eat-in kitchen w/built-in cabinets; living room w/hardwood floor & guest closet; family room; den; 4 bedrooms; full bath. Attic area; basement w/ washer & dryer hookup & outside entrance.

OIL FIRED HOT WATER HEAT W/2 ZONES.

- * Storm Windows & Doors
- * New Electric Panel
- * Garden Area
- * Zoned R-1
- * 14 Fruit Trees
- * Large Deck Area w/Electrical Outlets
- * Large Storage Shed
- * Mature Shade
- * Lot Size-Over ½ Acre
- * Well w/Pressure System
- * On Lot Sewer
- * Raspberry Beds

NOTE: HOME IN EXCELLENT REPAIR & ready for occupancy. Be sure to see it at Open House.

OPEN HOUSE DATES: Saturday, November 17, 12:00-3:00 p.m.; Saturday, November 24, 12:00-3:00 p.m.; Saturday, December 1, 12:00-3:00 p.m.

TERMS: 10% down day of auction. Balance at final settlement on or before Jan. 22, 1991. IF IN NEED OF ASSISTANCE TO OBTAIN FINANCING TO BUY THIS FINE PROPERTY, call Paul E. Martin at 717-733-3511. Our auction firm will assist persons who qualify in arranging or preparing financing for properties sold at public auction. Call now while there is time to work out details.

YOUNG & YOUNG, ATTORNEYS.

MISCELLANEOUS ITEMS: Bell & Howell Movie Camera w/Auto. Load, Zoom & Carrying Case; Motorcycle Helmet; 1900, '22, '23 SILVER DOLLARS; F.W. Woolworth Coin; PINE Cobbler's Bench Coffee Table; Formica Top Kitchen Table; Anchor Hocking 18 Pc. Punch Bowl Set; Cake Set; Cast Iron Fry Pans; Tinware; Wine Goblets; Cookbooks & Recipes; McCoy Salt & Pepper Shakers; Lamp; Table Lamps; Toaster Oven; Bottles; Jugs; Jars; Linens; Vaporizer; Ceramics; Commercial Stainless Steel Soup Cooker; Cast Iron Knick Knacks; Planters; Window; Doors; Cocalico High School Yearbooks & Memorabilia; Swamp Lutheran Church Plate & History Book; Books & Magazines; Christmas Decorations; Misc. Housewares; Tobacco Hoer.

Auction By:
C. Timothy & Cindy L. Stahl

Auction Conducted By:
J&P Auctions
Paul E. Martin, Auct.
AU-001601-L
Ephrata, PA 717-733-3511
John D. Stauffer, Auct.
AU-001509-L
Manheim, PA 665-5099

OUTSTANDING Public Auction

Of

VALUABLE REAL ESTATE
1.7 Acres of Ground M/L
2½ Story Frame w/Alum. Siding Dwelling
2½ Story Frame Barn
1966 New Holland Pike, Lancaster, Manheim Twp., PA.

Saturday, December 1, 1990

2 P.M.

Directions: East of Lancaster on Rt. 23, 1½ mile from Rt. 30 Bypass, across from Grace United Church of Christ.

House consists of Lg. Kitchen w/Modern Cupboards, Laundry w/Washer and Dryer Hook-up, Full Bath, Dining room, Living Room, Family Room, Sewing Room.

Second Floor: 4 Bedrooms, Full Bath.

Third Floor: Bedroom w/Storage Area, Attic, Board Floor

Basement: Lg. Workshop Area.

Storm Windows and Doors, Good Insulation, Gas w/Hot Water Heat, Twp. Water & Sewer.

This home is in good condition with nice country setting. Possibility of sub-dividing ground for two building lots.

OPEN HOUSE: Saturday, Nov. 24, 1-4 p.m.; or call auctioneer for appointment, 687-6857.

TERMS: 10% down, balance on or before January 10, 1991.

Sale For:

HARVEY SEIBEL

Attorney: Harry Yost
Appel & Yost
Miller & Siegrist Auctioneers
Elvin Siegrist, 687-6857
Alvin Miller, 392-1547
Paul Andrews
AU-1723-L

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. MAR. 16 - 8:30AM, Building Material Sale for Bart Twp. Fire Co -Windows, Doors, Siding, Lumber, etc., located in the village of Georgetown, 6 mi SE of Strasburg, along Rt. 896 (Lancaster Co., PA), Local Auctioneers.

THURS. MAR. 21 - 11AM, Easter Lamb Sale, at New Holland Sales Stables, New Holland, PA.

April

FRI APR. 5 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

FRI APR. 26 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

May

SAT. MAY 4 - 9AM, Collection of Trains and Trail Related Items dating from 1940's to present, Gary Martin, owner, Diffenbach's, Auct.

SAT MAY 4 - 10AM, Grade Heifer Sale, at New Holland Sales Stables, New Holland, PA

FRI MAY 10 - 7PM, Feeder Cattle Sale, at New Holland Sales Stables, New Holland, PA.

FRI. MAY 17 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

JUNE

SAT JUN 1 - 10AM, Registered Heifer Sale, at New Holland Sales Stables, New Holland, PA

FRI JUN 14 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

JULY

FRI JULY 19 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

AUG.

FRI AUG 9 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

SEPT.

FRI SEPT 13 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

SAT SEPT 28 - 10AM, Registered & Grade Heifer Sale, at New Holland Sales Stables, New Holland, PA

OCT.

FRI OCT 18 - 7PM, Feeder Cattle Sale, at New Holland Sales Stables, New Holland, PA

WED OCT. 30 - 9AM, Annual Dairy Show & Sale, at New Holland Sales Stables, New Holland, PA

NOV.

FRI NOV. 8 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

FRI NOV 29 - 7PM, Feeder Cattle Sale, at New Holland Sales Stables, New Holland, PA.

COIN AUCTION

ON: MON. EVE., DEC. 10, 1990

AT 5:30 P.M.

AT: SPRINGETTS FIRE CO. SOCIAL HALL, 3013 EAST MARKET ST., YORK, PA. THE FOLLOWING TO BE SOLD FOR THE BUDD D. STINE ESTATE OF YORKANNA, PA.

400 LOTS

1979 & 1980 Gold Krugerands - Approx. 1,000 Silver Dollars in Peace & Morgan assorted dates & mint marks. Many will be sold by roll. Also complete set of Peace Dollars. Many rolls of Half Dollars & Washington Quarters in Unc. grade. Dimes - Nickels - Wheat & Indian Head cents - Mint sets - Lots of Proof sets in assorted dates - Ike Dollars - Bags of Silver coins - Franklin mint items - Foreign proof sets & medals - much, much more. Coins are graded and will be sold by lot number. Will be open for your inspection from 3:30 P.M. to Auction Time.

For a complete listing prior to auction write or call Gilbert and Gilbert Auctioneers R.D. #1 Wrightsville, Pa. 17368.

Not Responsible For Accidents On Day Of Auction.

TERMS: CASH — CASHIERS OR TRAVELERS CHECKS

Executrix

Helen Brillhart

Brian L. Gilbert, Lic. #2256
Jacob A. Gilbert, Lic. #336
252-1656 or 252-3591
Matthew L. Guthrie, Attorney

Dairy and Livestock Sales

WANTED
TOP CONSIGNMENTS COWS OR HEIFERS
REGISTERED OR GRADE HERDS FOR A SPECIAL SALE CALL
SMOKETOWN QUALITY DAIRY SALES
717-393-0930

Belleville Livestock Market

Wed., November 28, 1990
1:30 P.M.

38 heifers all from a good Mifflin County herd - 6 months to 1 year.
All Al sired
Good group of heifers from top cows.

For More Information Call
GENE GLICK
717-667-2703

VILSMEIER ABSOLUTE auction

90U066/90C090

2 AUCTIONS -- 1 LOCATION

NEW & USED AGRICULTURAL IMPLEMENTS CONSTRUCTION EQUIPMENT, TRUCK TRACTORS, CHIPPERS

SATURDAY - DECEMBER 15, 1990 MONTGOMERYVILLE, PA.

UTILITY SALE BEGINS AT 9:30 A.M.

AUCTION #1: PHILADELPHIA ELECTRIC CO., NEW JERSEY BELL BELL OF PA, & CON-EDISON OF NEW YORK

LINE EQUIPMENT, TRUCKS, COMPRESSORS, VANS, PICKUPS, CARS

NOTICE: Philadelphia Electric Co., New Jersey Bell, Bell of PA, and Con-Edison, are selling equipment, trucks, and vehicles surplus to their present needs. Everything in this sale will sell to the highest bidder regardless of price.

LOCATION: Both sales will be held at the yard directly behind the Vilsmeier Auction Co. office at 1044 Bethlehem Pike (Route 309), in Montgomeryville, PA.

FARM & CONTRACTORS SALE BEGINS IMMEDIATELY AFTER UTILITY SALE

AUCTION #2: R.W. KELLER SALES & THE MARIAN BANK

NOTICE: R.W. Keller Sales & The Marian Bank are selling equipment and trucks surplus to their present needs. Everything in this sale will sell to the highest bidder regardless of price.

RUBBER TIRED TRACTORS

(NEW) MASSEY FERGUSON 1010, 4 Wheel Dr R/T Tractor, s/n 43832, 16 h p dsl , 6 spd , 3 pt hitch, 540 rpm PTO, **(DEMO) ZETOR 7745,** 4 Wheel Dr R/T Tractor, s/n 2919, dsl , 10 spd , 3 pt hitch, 1,000 rpm & 540 rpm PTO s, cab (Very low hrs), **(DEMO) ZETOR 5245,** 4 Wheel Dr R/T Tractor Loader s/n 017252 dsl , 10 spd , 3 pt hitch, 1,000 rpm & 540 rpm PTO s, Allied S594 Loader Attach (Very low hrs), **FERGUSON T030** R/T Tractor, s/n 126728 4 cyl gas, 4 spd , 3 pt hitch, 540 rpm PTO, **MASSEY FERGUSON 2135** R/T Tractor, s/n 9A17352 4 cyl gas, 6 spd , 3 pt hitch 540 rpm PTO, **FARMALL H** R/T Tractor, s/n FBH338284X1, 4 cyl gas 5 spd , 540 rpm PTO

NEW & USED AGRICULTURAL IMPLEMENTS

JOHN DEERE E0350 6-Bottom Hillside Plow, s/n 100532A, hyd reset transport wheels, **(NEW) J BAR** 2-Bottom Plow s/n 25956, 3 pt hitch mtd , **BRUSH HOG 145,** 8 Offset Disc, s/n 600192, transport wheels, **(NEW) GRIM Super C** 8' Hay Tedder, s/n SC432, **(NEW) ZETOR** 5½ ' Drum Hay Mower, twin drums, 3 pt hitch mtd , 540 rpm PTO, **FORD 309,** 2-Row Corn Planter, fertilizer attach , 3 pt hitch mtd , **(NEW) ZETOR** 2-Row Potato Planter, 3 pt hitch mtd , **(NEW) J-BAR** Rear Scoop, s/n 02698, 3 pt hitch mtd , **ZETOR RUR5,** 300 Bushel Manure Spreader, s/n 16848, hyd gate, **DAVIS** Horiz. Feed Batch Mixer, s/n 9110-S1-75, elec mtr , **ZETOR ATO-155,** 2-Bottom Roll-Over Plow, 3 pt hitch mtd , **ALLIED** Following Harrow Attachments (Fit 10' disc), **(NEW) 48"** Manure Bucket Attach (Fits MF 214, 216, 1014, 1016), **(NEW) MASSEY FERGUSON MF39** Fertilizer Bins (4) 2' 2-Row & (4) 4' 4-Row.

MOWERS

(NEW) WOODS RM59, 60" Fine Cut Mower, 540 rpm PTO, Category I 3 pt hitch mtd , rear gauge wheels, **WOODS RM480CO,** 48" Fine Cut Mower, 540 rpm PTO, Category O 3 pt hitch mtd , front & rear gauge wheels, **(2) (NEW) MASSEY FERGUSON 216,** 60" Belly Mounted Mower Decks

TRUCK TRACTORS, CAB & CHASSIS

'75 KENWORTH K100 Cabover T/A Truck Tractor, Cummins NTC350 dsl , R R RT01110, 10 spd , 38,000# rears, sliding 5th wheel, **'74 FREIGHTLINER** Cabover T/A Truck Tractor, Cummins NTC290 Big Cam dsl , R R RT0910, 10 spd , 38,000# rears, a/c, sliding 5th wheel, **'74 INTERNATIONAL C04070** Cabover S/A Truck Tractor, Detroit 8V71 dsl , R R RT09513, 13 spd , a/c, sliding 5th wheel, **'72 MACK R685SX** T/A Cab & Chassis, Mack 673, 237 h p dsl , 5 spd , 34,000# rears, **'77 INTERNATIONAL F2010A** T/A Truck Tractor, (Missing engine & trans), 38,000# rears

6 CHIPPERS

VERMEER 1600, 16" Chipper, s/n 1VRC111A8F1001102, Ford 6 cyl gas, on 2 pneu tires **(3) ASPLUNDH JEY** 12" Chippers s/n 19840, 0548, & TC10147, Ford 6 cyl gas, on 2 pneu tires, **FMC C-16T** 16" Chipper, s/n C16T6068 Ford 8 cyl gas on 2 pneu tires, **MITTS & MERRILL M-9,** 16" Chipper, 8 cyl gas, on 2 pneu tires

COMPRESSORS

(2) SULLIVAN D1250, 125 cfm Air Compressors, s/n 203378 & 202737, J D dsl , on 2 pneu tires

TRENCHERS & CABLE PLOWS

Case 30+4 Art Rubber Tired Trencher/Cable Plow, s/n 1139961, 4 cyl gas, **CASE 30+4** Art. Rubber Tired Trencher Backhoe s/n 1246901, 4 cyl gas, **DITCH WITCH V-250** Walk Behind Trencher, s/n 163841, gas, **DITCH WITCH V-250** Walk Behind Cable Plow s/n 1638894, gas

TRAILERS

(2) GENERAL AP10, 5 Ton Tagalong Tandem Trailers, **DITCH WITCH 19D** Tilt Top Tagalong S/A Trailer, **(3) SHOPMADE** S/A CATV Reel Trailers

GENERATOR, SNOWBLOWER, WINCH, SHOP TOOLS, & PARTS

WINPOWER 15KW PTO Powered Generator s/n FF518123 15KW 15KVA continuous rating 25KW 25KVA peak rating single ph 540 rpm PTO trlr mtd **SNOWLINE 930** Walk Behind Snowblower s/n 63262 Wisconsin gas Horst Winch Wisconsin VH4 4 cyl gas **BISHMAN 931A** Truck Tire Changer air **CUMMINS** Engine Block **FULLER RT610,** 10 spd Trans **SPLICER 6352,** 5 spd Trans , **MASSEY FERGUSON** ROPS (Fits MF 20 30, & 40), **MASSEY FERGUSON** Logging ROPS

FORKLIFTS

YALE KG51AT 50, 5 000# Solid Tired Forklift s/n 554530 6 cyl gas (Not running), **LEWIS SHEPARD Spacemaster EFTT** 2 000# Elec Solid Tired Forklift s/n E3257 paper roll clamp (Not running) **MOTO TRUC PAL** 4 000# Elec Pallet Jack s/n 23586 1 12 Volt **BAKER** 3 Stage 5 000# Forklift Mast

FUEL PUMP, MOTOR, & METER

GORMAN RUPP 84A3 B, 4" Fuel Pump, s/n 694710 Dayton 20 h p elec motor 230/460V 1 750 rpm 3 ph Smith ST 30DT Fuel Meter s/n WH70258

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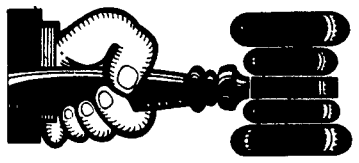

AUCTIONEER'S DIRECTORY

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P.M
Horse Auction
2nd Saturday each month
1 P.M.

FAUQUIER LIVESTOCK EXCHANGE
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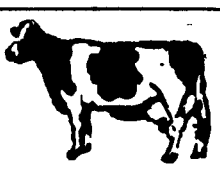
NOTICE
To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

NEW HOLLAND SALES STABLES, INC.



Located 12 Miles East of Lancaster, just off Rt. 23, New Holland, Pa.

SPECIAL DAIRY SALE CONSIGNMENTS For WEDNESDAY, NOVEMBER 28, 1990

9 HEAD PUREBRED COWS

Consigned by David Fuss, New England.

* (2) Mandingo daughters, Two Year Bred Heifer Fancy, VG. GrDam 25,000M 4.2T.
* Four Year Old Mandingo Due Jan. Real Nice Udder.
* Two Year Old Sired By U Tag Valiant Paul Due April To Maestro. GrDam 22,000M 4.1T.
* (5) Nice Breeding Age Heifers, One Bell Promise Daughter. Dam 21,000M GrDam 25,000M.

30 HEAD, HAROLD MYER, LEBANON COUNTY

These Cows Mostly Fresh Last 40 To 50 Days. 8 Head Bred Back 2 Months. All 2nd And 3rd Calves With Pleasing Udders. Averaging 68 Lbs. Milk Per Day. Milk Weights And Breeding Information At Ring Side. 30 Day Test, Pregnancy Checked.

xxxxx

1 Top Load Franklin County Cows, Fresh And Springers, consigned by Marvin Eshleman.

Heifer Sale 11:00 A.M.
Fresh Cows & Springers at 12:00 Noon

For More Information Contact:
Norman Kolb, Pres. 717-397-5538 David Kolb, V. Pres.
61L Barn Phone 717-354-4341

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PUBLIC AUCTION

FARM EQUIPMENT, 1984 FORD TEMPO GL- 4 DR., 1981 FORD FAIRMONT- 4 DR., 1981 FORD CUSTOM F-100 ½ TON PICK-UP TRUCK, 1978 DODGE CUSTOM 150 POWER WAGON W/MEYER SNOW BLADE & 6' CAB, SNOWMOBILES & TRAILER, GUNS, MISC. FARM ITEMS, LG. ASSORT. SHOPPE TOOLS, FURNITURE, HOUSEHOLD GOODS

SATURDAY, DECEMBER 1, 1990
AT 8:30 AM

LOCATED: Along Focht Lane, Windsor Twp., Berks Co., PA. Turn off Rt. 61 - 1 mi. South of Hamburg (across from Schmeck's Diner) for 1½ mi. & left onto Focht Lane to Auction. Watch for signs.

VEHICLES: 1984 Ford Tempo GL - 5 speed - 4 dr.- rust color, 1981 Ford Fairmont - 4 dr.- 4 speed on floor - bucket seats - white w/69,000 mi , 1981 Ford Custom F-100 ½ Ton Pick-Up truck w/8' bed - 3 sp. on floor w/overdrive - brown - 16,445 orig mi.- like new, 1978 Dodge Custom Power Wagon w/ Meyer snow blade - 4 wh. drive - 6' bed w/cab - 5 extra snow tires - 28,000 orig. mi. - apple green - very good cond., Mastercraft 8' dbl. snowmobile trailer, Chapparrell & SSX liquid cool snowmobiles, 8' truck cab, 9' wdn. row boat w/oars

FARM EQUIPMENT: Farmall H w/front end loader - 2 scoops - snow blade (good rubber), International 240 utility (2369 hrs.), Farmall BN w/wide front end & cultivator, I M. 500 5' rotary cutter (new), N I side delivery rake on steel, Ontario 13 hoe grain drill, 2-row McCormick pull type corn planter, 24' Smoker bale elevator, 3-section spring tooth harrow, spike harrow, dump rake, 14' & 16' flatbed wagons, walking cultivators, Oliver walking plow, saw buck, 300 gal. skid tank.

MISC. FARM ITEMS & SHOPPE TOOLS: Lincoln 225 amp welder, (2) 1 HP air compressors, grindstone on wdn. stand, (2) ½ HP bench grinders, sm. & lg bench vises, B & D drill press, elec drills, port circular saw, Stihl 14" chain saw w/case, air tank, welding supplies, sm power tools, blacksmith anvil, grease pump, wrenches, saws, lg. assort. small hand tools, forks, shovels, picks, post bar, nuts, bolts, nails, wdn pulleys, tractor & log chains, log hooks, hand truck, cattle dehorner, 20' & 30' wdn ext. ladders, stepladders, steel drums, fence posts, chicken & barbed wire, rubber tire wheelbarrow, Agway 20 lawn mower (like new), Gibson 11 HP riding mower w/36" mower, snowmobile puller, tire breaker, steel welding table, metal shop cabinets, 2-man saw, ground sieves, assort car parts, wdn nail kegs, oil pump, C I. hog trough, 5"x14' I beam, single & dbl. horse trees, chicken coops, motor oil, paints & hardware, alum. paint (approx. 12 gal.), assort lumber, firewood, approx. 2-wagons filled w/sm farm items.

GUNS: Marlin model 25 bolt action 22 cal w/scope, Ithaca 16 ga. model 37 pump shotgun, Lefever 12 ga. dbl. barrel shotgun, H & R model 329 - 22 long revolver, & ammunition.

FURNITURE & HOUSEHOLD ITEMS: King C.I. coal & wood stove (new), dovetailed blanket chest, sm. oak washstand, mod dec. Boston rocker, waterfall china closet, oak chest of drawers, oak chair & assort. tables, 4 pc. blonde BRS, sofa bed, Emerson Quiet Cool air cond. (like new), Zenith 19" port. color TV, GE microwave, mortised bench, antique 25" wide X 36" high C I. safe on wheels w/ combination, metal base cabinet, hanging scale, old wdn. adv. boxes, cheese boxes, wdn. rakes, express wagon, crocks, lanterns, beer trays, tin mail bank, agate pan, milk can, stuffed pheasant, mounted deer hat rack, Z on's Church plate, coal buckets, old sleds, blankets, old huckster bag, canning jars, & other misc. items too numerous to mention.

TERMS: Cash or Check day of Auction.

ORDER OF SALE: Small farm items on wagons - 8:30 AM followed by Shop Tools. Large Farm Equipment approx. 12:30 PM. Guns & Vehicles approx. 1:00 PM followed by Household Items.

SALE ORDERED BY:
Gerald Epting, Executor for CURTIS SCHAPPELL ESTATE

ATTORNEY:
Charles F. Fitzpatrick

AUCTIONEER:
KENNETH P. LEIBY
R.D. #2, Box 2674
Hamburg, PA 19526
215-562-3929
PA L#AU00541-L

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FRIDAYS

Produce, Egg, Miscellaneous Auction Starts At 6 P.M.
Poultry Auctions Start At 7 P.M.
Doors Open At 7:30 A.M.
To Accept Conpsignments
Open Air Market All Day And Evening
Doors Open At 7:30 A.M. To Rent Market Spaces. Over 2.5 Miles Of Outside Concessionaries And 30,000 Sq. Ft. Under Roof.

WEDNESDAYS
Farm Machinery Consignment Auction

The FIRST WEDNESDAY EVENING OF EACH MONTH at 6 P.M. sharp.
We are open the preceding Tuesday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simulatenously.

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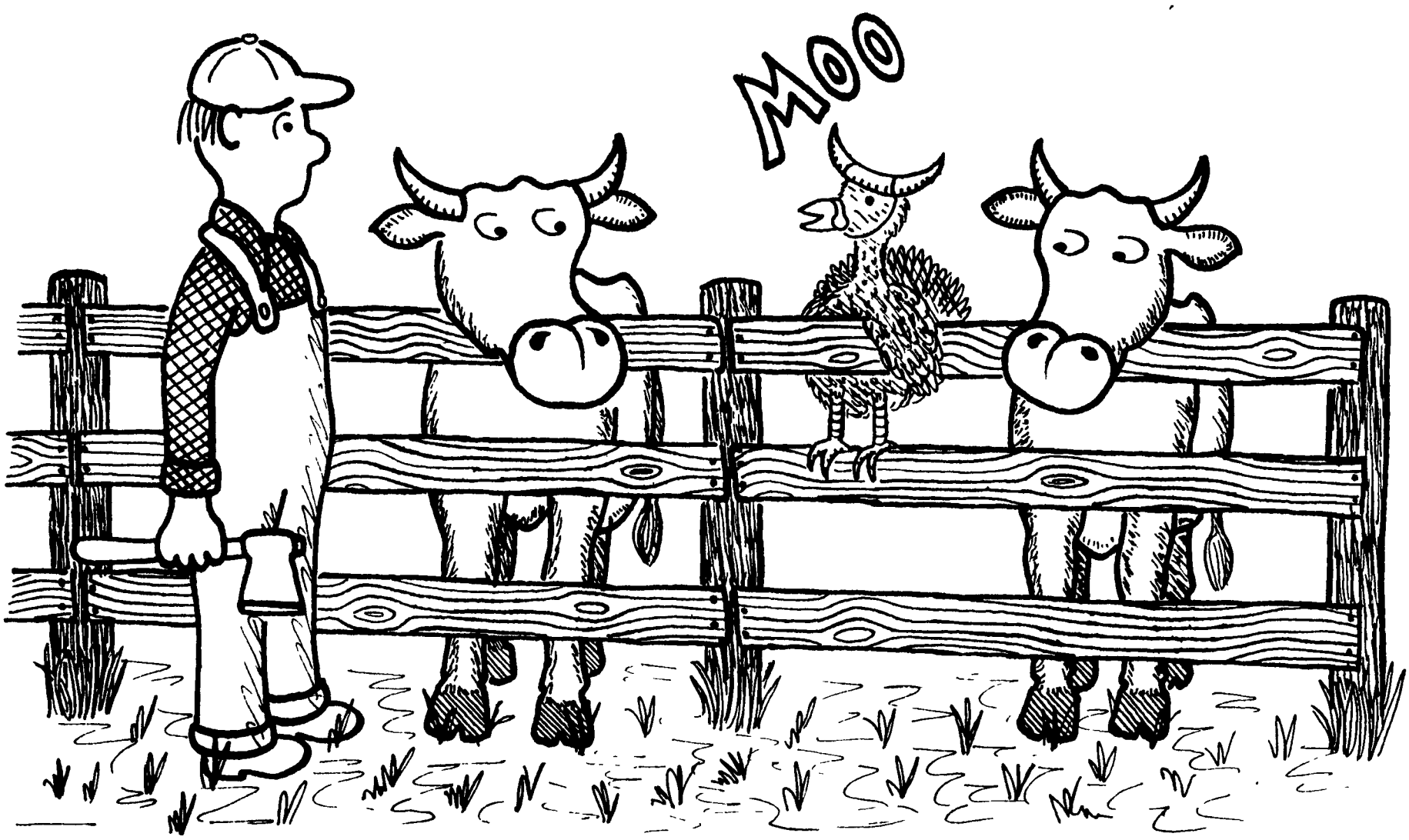
Lancaster, PA ***Woodsboro, MD***

PRIVATE SALES DAILY ... PUBLIC AUCTIONS MONTHLY

PRIVATE SALES THIS WEEK



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- **150 Typey Registered Cows & Heifers (Fresh & Springing) Due November, December & January.**
- **Grade & Registered Stock Bulls.**
- **Registered Heifer Calves Out of High Producing Dams.**

Special* Christmas Sale

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Friday, Dec. 7, 1990 11:00 AM

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22,265 Lb. Milk, 715 Lb. Prot., 12.7 Mo. C.I., 37 Cows

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COW	AGE	305 MILK	+ PROT	C.I. (MO.)
#154	4.7	32,030	917	11.9
180	4.1	28,688	936	12.4
6	1.9	24,612	763	10.5
212	1.8	22,726	697	12.7
208	1.9	22,485	666	13.3
7	2.1	21,745	685	14.6

Sam, Marian & Family congratulated by Doug High.

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